

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



62.27

ESTABLISHED  
1875

ONE OF  
**AMERICA'S FOREMOST  
NURSERIES**

**53<sup>rd</sup> YEAR  
OF  
ACTIVE SERVICE**

*by E. Welch*  
**PRESIDENT**

**WHOLESALE  
BULLETIN  
NO. 1**

WITH GRADE COUNTS

**March 11, 1944**

WE SUGGEST  
EARLY RESERVATIONS

Phones 384-385  
Wire Western Union

**MOUNT ARBOR NURSERIES**

**SHENANDOAH, IOWA**



---

---

## Terms and Conditions of Sale

**TERMS**—2% Discount for cash if paid on or before 10th of month following date of invoice, and is due NET 30 days thereafter. Interest charged on past due accounts.

These terms are offered to those with established credit; otherwise cash, security, or satisfactory references. C. O. D. orders must be accompanied by one-fourth cash.

**PRICES** named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

### **FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS (INCLUDING PEONIES AND LILIES):**

300 or more at 1,000 rate (where published)

30 to 300 at 100 rate

Under 30 at 10 rate

All grades and varieties in any one class allowed to make total. For example: All Fruit Trees are considered one class, all shrubs one class, etc.

### **SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:**

300 of same variety and grade at 1,000 rates

Under 300 of same variety and grade at 100 rate

### **EVERGREENS, B & B**

30 trees (any assortment) at 100 rate

5 trees (any assortment) at 10 rate

### **FALL AND SPRING BULBS**

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate

Under 300 bulbs at 100 rates

Note:—Classifications as given above are understood to be as listed under general headings in price list. (Broken lots of less than 10 of any one variety and grade will be billed at 20% above 10 rate.)

**ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.**

**SHIPPING**—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. All goods travel at the purchaser's risk and expense.

**TRUCK SERVICE**—We are able to offer truck service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

**CAUTION**—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All contracts are subject to war priorities on materials, transportation and other causes arising that may limit, restrict or make impossible performance thereunder.

**GUARANTEE OF GENUINENESS**—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

**Claims** for any cause must be made promptly on receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

**SPECIAL NOTICE**—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.

MARCH 11, 1944

## **MOUNT ARBOR NURSERIES**

E. S. WELCH, Pres.

H. S. WELCH, Vice-Pres.

R. M. GWYNN, Secy.-Treas.

---

---



Due to our limited supply of most varieties of fruit trees and small fruits, we do not have many varieties that we can offer, only in limited assortment with orders requiring a general line of nursery stock, including ornamentals.

**HEIGHT AND CALIPER**—Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that **THE CALIPER SHALL GOVERN**.

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

**APPLE and CRAB**

Per 10 Per 100 Per 1000

First Class, 11-16 to 7/8-inch, 4½ feet and up			\$5.50	\$50.00	\$450.00
“ “ 9-16 to 11-16, 4 feet and up			4.70	42.00	380.00
“ “ 7-16 to 9-16, 3 feet and up			3.50	30.00	-----
“ “ 5-16 to 7-16, 2 feet and up			2.90	25.00	-----
“ “ 7/8-inch and up, 5 feet and up			6.00	55.00	-----
	11-16	9-16	7-16	5-16	7-8
*Anoka	580	120	-----	-----	70
Banana	220	50	-----	25	-----
Ben Davis	320	-----	-----	-----	-----
Black Ben Davis	550	100	-----	50	-----
Chenango	480	90	50	20	-----
Close	120	30	-----	-----	-----
Delicious	2200	650	220	110	540
*Delicious Dark Red	3800	1170	1480	-----	680
*Delicious Yellow	480	1100	100	1050	160
*Dolgo	850	220	-----	30	150
Duchess	600	300	90	20	90
*Duchess Red	1250	680	-----	350	20
Early Harvest	-----	160	80	20	75
*Edgewood	-----	50	35	20	-----
*Fameuse	90	260	100	15	60
Flame Crab (Minn No. 635)	500	150	20	-----	250
Florence Crab	100	-----	-----	-----	70
Forest Winter	380	110	60	10	-----
Golden Russet	280	120	-----	-----	-----
Grimes Golden	580	110	200	210	220
Haralson	-----	200	100	-----	-----
Hawkeye Greening	50	25	30	20	50
Hibernal	-----	40	-----	-----	90
Hyslop Crab	80	60	-----	-----	80
*Joan	200	80	-----	20	150
*Jonathan	440	620	650	-----	220
*Jonathan Dark Red	1270	400	600	100	120
Kendall	80	15	-----	-----	10
Liveland	35	20	-----	-----	10
Macoun	-----	20	160	60	20
Maiden Blush	290	50	-----	60	100
Mam. Black Twig	300	60	50	-----	-----
McIntosh Early	30	-----	-----	40	10
Milton	-----	280	-----	-----	-----
Northern Spy	-----	-----	20	-----	80
Northern Spy Red	110	-----	-----	-----	100
N. W. Greening	190	-----	-----	-----	90
Pewaukee	40	25	-----	-----	-----
*Red June	320	100	100	70	-----
Red Siberian Crab	140	40	40	-----	80
Rome Beauty	-----	-----	-----	50	15
Rome Beauty Red	-----	-----	-----	50	60
Salome	190	80	50	-----	40
Sharon	290	40	-----	-----	25
Stayman Red	220	100	-----	45	60
Stayman Winesap	130	40	10	30	-----
Sweet Bough	40	-----	-----	-----	-----



## APPLE and CRAB—Continued

	11-16	9-16	7-16	5-16	7-8
Sweet Russet Crab	340	60	---	---	---
Tolman Sweet	300	10	---	---	90
Transcendent Crab	140	---	10	---	80
Turley	170	100	---	50	140
*Virginia Crab	900	300	---	---	600
*Wealthy	150	---	---	---	80
Wedge	330	30	---	---	70
Whitney Crab	1940	600	180	---	30
Windsor Chief	50	50	---	---	20
Winesap	2170	320	300	---	350
*Winesap Crimson	180	---	---	70	140
*Yellow Transparent	---	120	---	---	---
York Imperial	160	---	---	---	---

\*Varieties starred (\*) can be furnished in budded trees.

## APPLE—Top Worked

## On Hibernial and Virginia Crab

	Per 10	Per 100	Per 1000
Three Year, 9-16 and up, 3½ feet and up	\$10.00	\$90.00	\$
<b>On Hibernial</b>			
190 Delicious Yellow			
<b>On Virginia</b>			
35 Delicious Dark Red			
20 Delicious Yellow			
<b>On Virginia</b>			
10 Grimes Golden			
25 Jonathan			

## CHERRIES—Sour—On Mahaleb

	Per 10	Per 100	Per 1000
Two Years, 11-16 to 1-inch, 4 feet and up	\$8.00	\$75.00	\$
“ “ 9-16 to 11-16, 3½ feet and up	7.00	65.00	---
“ “ 1 to 1½ inch, 5 feet and up	9.00	85.00	---
	11-16	9-16	1 inch
Early Richmond	320	---	80
Montmorency Large	210	360	---
	Per 10	Per 100	Per 1000
One Year, 9-16 to 11-16, 3 feet and up	\$7.00	\$65.00	\$
“ “ 7-16 to 9-16, 2½ feet and up	5.50	50.00	---
“ “ 5-16 to 7-16, 2 feet and up, whips and branched	4.50	40.00	---
	9-16	7-16	5.16
Early Richmond	---	190	220
Montmorency Large	320	340	180

## CHERRIES—Sweet

One Year on Mahaleb.	Per 10	Per 100	Per 1000
2 to 3 feet, under 5-16, whips	\$4.50	\$40.00	\$
18 to 24 inches, whips	3.50	30.00	---
	2-3 feet	18-24 inches	
Bing	10	---	---
Black Tartarian	45	60	---
Lambert	---	40	---
Napoleon	20	90	---
Schmidt's Big	70	85	---
Windsor	35	20	---
Yellow Glass	---	---	160



## PLUM

	Per 10	Per 100	Per 1000
11-16 and up, 4½ feet and up	\$8.00	\$75.00	\$ ----
9-16 to 11-16, 4 feet and up	7.00	----	----
7-16 to 9-16, 3 feet and up	5.50	----	----
5-16 to 7-16, 2 feet and up	4.50	40.00	----

## EUROPEAN, One and Two Years, on Myrobolan

	11-16	9-16	7-16	5-16
Bradshaw	110	20	30	20
Italian Prune	300	----	----	----
Monarch	160	----	20	25
President	----	----	----	40
Shipper's Pride	80	20	----	----
Shrop Damson	----	----	----	110
Yellow Egg	190	50	----	----

## PEAR—Dwarf

	Per 10	Per 100	Per 1000
Two Years ⅝ and up	\$10.00	\$ ----	\$ ----
" " ½ to ⅝	8.00	75.00	----
" " ⅜ to ½	6.50	60.00	----
	5-8	1-2	3-8
Bartlett	----	110	300
Duchess	80	----	20
Kieffer	50	10	----
Seckel	120	90	40

## PEACH

	Per 10	Per 100	Per 1000
One Year, 5-16 to 7-16, 2 feet and up	\$3.50	\$30.00	\$ ----
" " 2 to 3 feet, under 5-16	2.50	22.00	----
" " 18 to 24 inches, under 5-16	2.10	18.00	----
	5-16	2-3	18-24
Belle of Georgia	650	250	200
Carman	100	----	----
Champion	440	660	300
Delicious	60	40	200
Early Elberta	----	----	860
Gold Drop	----	380	60
Golden Jubilee	420	480	----
Halehaven	520	100	300
J. H. Hale	200	----	----
Polly	160	160	----
Redhaven	280	----	----
Shipper's Late Red	280	----	40
South Haven	180	200	----
Valiant	560	600	490
Veteran	80	----	720

## QUINCE

	Per 10	Per 100	Per 1000
⅝ and up	\$8.00	\$75.00	\$ ----
	5-8 inch		
Champion	110		
Orange	300		

## MULBERRY

	Per 10	Per 100	Per 1000
70 Russian, 6 to 8 feet, branched	\$5.00	\$45.00	\$ ----

**SMALL FRUITS****GRAPE VINES—Western New York Grown**

	Tied, 2 year, 50; No. 2, 100, per bundle	Per 100	Per 1000
100	Brighton, dark red, 2 years, No. 1	\$14.00	\$ ----
250	" " " 2 years, No. 2	10.00	----
4000	Concord, black, 2 years, No. 1	10.00	----
3100	" " " 2 years, No. 2	8.00	----
100	Delaware, red, 2 years, No. 1	14.00	----
600	" " " 2 years, No. 2	10.00	----
4400	Fredonia, new, early, black, valuable, 2 years, No. 1	14.00	----
3000	" " " " " 2 years, No. 2	10.00	----
800	Moore's Early, black, 2 years, No. 1	14.00	----
1600	" " " 2 years, No. 2	10.00	----
200	Portland, white, 2 years, No. 1	14.00	----
250	" " " 2 years, No. 2	10.00	----
200	Worden, black, 2 years, No. 1	12.00	----
2150	" " " 2 years, No. 2	10.00	----

**CURRENTS**

	Tied, No. 1, 25; No. 2, 50 per bundle	Per 100	Per 1000
120	Diploma, light red, 2 years, No. 1	\$14.00	\$ ----
500	" " " 2 years, No. 2	10.00	----
1250	Fay's Prolific, dark red, 2 years, No. 2	10.00	90.00
1200	Perfection, bright red, 2 years, No. 1	16.00	140.00
2150	" " " 2 years, No. 2	13.00	110.00
1400	Red Lake, light red, 2 years, No. 2	16.00	140.00
1200	Wilder, dark red, 2 years, No. 1	14.00	120.00
5400	" " " 2 years No. 2	10.00	90.00

**RASPBERRIES**

	Tied 25 per bundle	Per 100	Per 1000
1800	Columbian, purple, tips	\$ 4.50	\$ 40.00
4000	Cumberland, black, tips	4.00	35.00
3200	Logan, black, tips	4.00	35.00
5000	Sodus, purple, tips	5.50	50.00

**BLACKBERRIES**

	Root Cutting Plants	Per 100	Per 1000
1600	Blowers, No. 2	\$ 2.90	\$ 25.00
2200	Eldorado, No. 1	4.00	35.00
2200	Iceberg, No. 1	3.50	30.00
1100	" " No. 2	2.50	22.00
1000	Snyder, No. 1	4.00	35.00
2400	" " No. 2	2.90	25.00

**MISCELLANEOUS BERRIES**

		Per 100	Per 1000
2000	Lucretia Dewberries, R. C. Plants, No. 1	\$ 3.50	\$ 30.00
6800	" " " R. C. Plants, No. 2	2.50	22.00
2200	Nectarberry, tip plants, No. 1	5.50	50.00

Due to our limited supply of most varieties of fruit trees and small fruits, we do not have many varieties that we can offer, only in limited assortment with orders requiring a general line of nursery stock, including ornamentals.



**SMALL FRUITS—Continued**

<b>MISCELLANEOUS</b>		Per 100	Per 1000
2000	Horseradish, Cuttings .....	\$ 2.40	\$ 20.00
1500	" Crowns .....	5.50	50.00

	Per 10	Per 100
250 Rhubarb, McDonald, grown from divisions .....	\$ 4.00	\$ 35.00

**FRUIT TREE STOCKS**

Regret we are unable to offer.

<b>PEACH PITS, California Lovells, F. O. B. Shenandoah, Iowa.</b>
1943 crop, averaging 4300 pits per 50-lb. bu. .... \$3.00 per bu.

**DECIDUOUS TREES and ORNAMENTAL SEEDLINGS**

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 and smaller, 100 per bundle.

<b>ASH, GREEN, Fraxinus lanceolata</b>		Per 100	Per 1000
5000	6 to 12 inches .....	\$ 0.60	\$ 5.00
4100	12 to 18 inches .....	.90	8.00
4700	18 to 24 inches .....	1.30	11.00
5100	2 to 3 feet .....	1.80	15.00
3700	3 to 4 feet .....	2.40	20.00
2500	4 to 5 feet .....	2.90	25.00
1000	5 to 6 feet .....	5.50	50.00
150	6 to 8 feet .....	7.50	---

<b>ASH, WHITE, Fraxinus americana</b>			
4000	6 to 12 inches .....	.60	5.00
3000	12 to 18 inches .....	.90	8.00
5400	18 to 24 inches .....	1.40	12.00
4800	2 to 3 feet .....	1.80	15.00
5000	3 to 4 feet .....	2.40	20.00
2100	4 to 5 feet .....	3.00	28.00
1000	5 to 6 feet .....	5.50	50.00
480	6 to 8 feet .....	7.50	---

<b>BUCKTHORN, Rhamnus cathartica</b>			
1800	6 to 12 inches .....	1.20	10.00
2800	12 to 18 inches .....	1.70	14.00
3000	18 to 24 inches .....	2.50	22.00
1200	2 to 3 feet .....	3.50	30.00
1200	3 to 4 feet .....	5.00	45.00

<b>CARAGANA arborescens, Siberian Pea-Tree</b>			
5000	6 to 12 inches .....	.90	8.00
1000	18 to 24 inches .....	1.90	16.00

<b>CATALPA Speciosa, Western Catalpa</b>			
1800	2 to 3 feet .....	1.90	16.00

<b>ELM, AMERICAN WHITE, Ulmus americana</b>			
9000	6 to 12 inches .....	.60	5.00
3500	12 to 18 inches .....	.90	8.00
11000	18 to 24 inches .....	1.40	12.00
6000	2 to 3 feet .....	1.90	16.00
17000	3 to 4 feet .....	2.40	20.00
15000	4 to 5 feet .....	3.50	30.00
1000	5 to 6 feet .....	5.50	50.00



## DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

<b>ELM, CHINESE, <i>Ulmus pumila</i></b>		Per 100	Per 1000
22500	6 to 12 inches	\$ 0.60	\$ 5.00
15000	12 to 18 inches	.90	8.00
22000	18 to 24 inches	1.40	12.00
6000	2 to 3 feet	1.90	16.00
11000	3 to 4 feet	2.50	22.00
8800	4 to 5 feet	3.50	30.00
6000	5 to 6 feet	5.50	50.00
1500	6 to 8 feet	8.00	70.00
<b>HACKBERRY, <i>Celtis occidentalis</i></b>			
400	12 to 18 inches	1.70	-----
1000	2 to 3 feet	3.20	28.00
2500	3 to 4 feet	4.50	40.00
2200	4 to 5 feet	6.50	60.00
300	5 to 6 feet	9.00	-----
<b>LOCUST, BLACK or YELLOW, <i>Robinia pseudoacacia</i></b>			
6000	6 to 12 inches	.60	5.00
4000	18 to 24 inches	1.40	12.00
3200	3 to 4 feet (Tops cut back to 30 inches)	2.60	22.00
<b>MAPLE SILVER LEAVED, <i>Acer dasycarpum</i></b>			
6000	6 to 12 inches	.50	4.50
6000	12 to 18 inches	.90	8.00
7000	18 to 24 inches	1.40	12.00
6000	2 to 3 feet	2.10	18.00
1600	3 to 4 feet	3.50	30.00
400	5 to 6 feet	6.00	-----
<b>MULBERRY, RUSSIAN, <i>Morus tatarica</i></b>			
24000	6 to 12 inches	.50	4.50
10500	12 to 18 inches	1.10	9.00
14000	18 to 24 inches	1.70	14.00
11000	2 to 3 feet	2.10	18.00
<b>OAK, English, <i>Quercus Robur</i></b>			
1000	9 to 12 inches	4.50	40.00
1600	12 to 18 inches	5.50	50.00
1200	18 to 24 inches	7.00	65.00
300	2 to 3 feet	10.00	-----
<b>Pin, <i>Quercus palustris</i></b>			
2100	12 to 18 inches	4.00	35.00
3100	18 to 24 inches	6.50	55.00
4000	2 to 3 feet	8.50	75.00
7500	3 to 4 feet	12.00	100.00
1000	4 to 5 feet	16.00	140.00
<b>Red, <i>Quercus rubra</i></b>			
1000	18 to 24 inches	7.50	65.00
1000	2 to 3 feet	11.00	90.00
500	3 to 4 feet	14.00	120.00
150	4 to 5 feet	20.00	-----
<b>Scarlet, <i>Quercus coccinea</i></b>			
1200	9 to 12 inches	4.00	35.00
1200	12 to 18 inches	5.00	45.00
800	18 to 24 inches	7.50	65.00
600	2 to 3 feet	11.00	90.00
250	3 to 4 feet	18.00	-----
<b>White, <i>Quercus alba</i></b>			
300	12 to 18 inches	5.00	45.00
600	18 to 24 inches	7.50	65.00
600	2 to 3 feet	10.00	-----
400	3 to 4 feet	15.00	-----
<b>OSAGE ORANGE, <i>Machura pomifera</i></b>			
5000	2 to 3 feet	1.70	14.00
<b>WALNUT, Black</b>			
1500	12 to 18 inches	2.90	25.00
1600	2 to 3 feet	4.50	40.00



## DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

### ASH, American White, *Fraxinus alba*

Tall growing, valuable tree for street and park planting.

		Per 10	Per 100	Per 1000
90	5 to 6 feet	\$3.50	\$30.00	\$ ----
220	6 to 8 feet	5.50	50.00	----
150	8 to 10 feet	8.00	75.00	----
100	1½ to 2 inches	12.00	110.00	----

### European, *Fraxinus excelsior*, 100 ft.

Tall growing with spreading habit; dark green foliage.

25	5 to 6 feet	4.00	----	----
50	6 to 8 feet	6.50	----	----
100	8 to 10 feet	9.00	85.00	----
30	1½ to 2 inches	12.50	----	----

### Green, *Fraxinus lanceolata*, 50-60 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

200	5 to 6 feet	3.20	28.00	----
1100	6 to 8 feet	5.00	45.00	----
1600	8 to 10 feet	7.50	70.00	----
600	1½ to 2 inches	11.00	100.00	----
300	2 to 2½ inches	18.00	165.00	----
520	2½ to 3 inches	25.00	225.00	----

### BIRCH, Cutleaf Weeping, *Betula laciniata*, 30-40 ft.

A graceful, white barked tree with drooping limbs and cutleaf foliage. Highly recommended for lawn and park planting.

280	5 to 6 feet, Balled in Moss	12.00	110.00	----
200	6 to 8 feet, " " "	16.00	150.00	----
120	8 to 10 feet, " " "	20.00	190.00	----

### European White, *Betula alba*, 30-40 ft.

A hardy attractive tree with white bark.

90	5 to 6 feet	6.50	60.00	----
500	6 to 8 feet	8.50	80.00	----
400	8 to 10 feet	12.00	110.00	----
120	1¼ to 1½ inches	14.00	130.00	----
50	1½ to 1¾ inches	16.50	150.00	----
15	1¾ to 2 inches	20.00	----	----
60	2 to 2½ inches	27.50	250.00	----

### BOX ELDER, See Maple.

### CATALPA, Western Catalpa, *speciosa*, 30-35 ft.

Well known hardy tree. White flowers, May-June.

140	5 to 6 feet, whips	3.50	30.00	----
120	6 to 8 feet, whips	4.50	40.00	----
45	8 to 10 feet, whips	6.50	----	----
55	1½ to 2 inches, whips	8.50	----	----

### CHERRY, FLOWERING, 18-20 ft.

Noted for their beautiful flowers, planted freely in the east and south.

18 to 24 inches, branched	4.00	----	----
2 to 3 feet, " "	5.50	50.00	----
3 to 4 feet, " "	8.00	75.00	----
4 to 5 feet, " "	10.00	----	----

	4-5	3-4	2-3	18-24
Amanogawa, light pink	----	20	30	40
Kofugen, rose pink	14	50	20	----
Mt. Fuji, pure white	20	60	80	50
Naden, deep pink	7	25	40	30

**DECIDUOUS TREES—Continued****CRAB, Flowering Malus. 12-20 ft.**

The following varieties of flowering crabs are valuable, producing attractive flowers and fruit.

	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$4.50	\$40.00	\$.....
3 to 4 feet.....	5.50	50.00	.....
4 to 5 feet.....	6.50	60.00	.....
5 to 6 feet.....	9.00	85.00	.....
6 to 7 feet.....	12.00	110.00	.....

  

	6-7	5-6	4-5	3-4	2-3
Bechtel, double pink.....	---	140	200	---	220
Sargenti, white.....	---	---	---	90	50
Parkmani, semi-double, pink, dwarf..	85	20	10	---	---

**CRAB, Flowering Malus. 15-30 ft.**

	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$3.50	\$30.00	\$.....
3 to 4 feet.....	4.50	40.00	.....
4 to 5 feet.....	5.50	50.00	.....
5 to 6 feet.....	7.00	65.00	.....
6 to 7 feet.....	9.00	---	.....

  

	6-7	5-6	4-5	3-4	2-3
Arnoldiana, rose.....	---	---	---	20	---
Baccata, white.....	70	40	35	30	---
Chinese spectabilis, bright pink.....	---	5	---	25	---
Coronaria, pink.....	---	55	---	15	---
Eleyi, single pink.....	---	10	---	---	---
Floribunda, rose.....	---	35	45	---	---
Hopa, red buds.....	150	75	---	250	---
Hopa, bush form.....	250	300	840	200	---
Ioensis, single pink.....	10	35	---	40	10
Redvein, niedzwetzkyana, red.....	---	45	---	---	---
Red Silver, pink.....	---	10	14	50	20
Theifera, pink.....	115	55	---	---	---

**ELM—American White, *Ulmus americana*, 60-100 ft.**

The most popular American tree for street and general planting.

	Per 10	Per 100	Per 1000
110 5 to 6 feet.....	\$3.50	\$30.00	\$.....
150 6 to 8 feet.....	5.50	50.00	.....
220 8 to 10 feet.....	7.50	70.00	.....
720 1¼ to 1½ inches.....	9.00	85.00	.....
1180 1½ to 1¾ inches.....	13.00	120.00	.....
1470 1¾ to 2 inches.....	16.50	150.00	.....
1900 2 to 2½ inches.....	22.00	200.00	.....
1200 2½ to 3 inches.....	28.00	250.00	.....
300 3 to 3½ inches.....	38.50	350.00	.....
100 3½ to 4 inches.....	45.00	425.00	.....

**Chinese, pumila, 40-50 ft.**

A hardy, rapid grower. Slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

1800 5 to 6 feet.....	3.20	28.00	250.00
2450 6 to 8 feet.....	5.00	45.00	400.00
2500 8 to 10 feet.....	6.50	60.00	550.00
2400 1¼ to 1½ inches.....	7.50	70.00	.....
2200 1½ to 2 inches.....	11.00	100.00	.....
1100 2 to 2½ inches.....	17.50	160.00	.....
120 2½ to 3 inches.....	25.00	225.00	.....



## DECIDUOUS TREES—Continued

CHINESE ELM  
Root Pruned Trees

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a branched root system, and they will be graded by caliper and height. Are good value.

		Per 10	Per 100	Per 1000
2200	5 to 6 feet, 9-16 to 11-16 inches	\$2.10	\$18.00	\$160.00
2100	6 to 8 feet, 11-16 to 7-8 inches	2.90	25.00	220.00
1900	8 to 10 feet, 7-8 to 1 inch	4.00	35.00	320.00
1100	1¼ to 1½ inches	5.00	45.00	400.00
150	1½ to 2 inches	7.00	65.00	-----

English, *campestris*, 75-100 ft.

Spreading branches forming a broad, round topped head.

160	5 to 6 feet	7.50	70.00	-----
210	6 to 8 feet	10.00	90.00	-----
90	8 to 10 feet	13.50	125.00	-----
50	1¼ to 1½ inches	16.50	-----	-----
50	1½ to 1¾ inches	20.00	-----	-----
30	1¾ to 2 inches	25.00	-----	-----
30	2 to 2½ inches	30.00	-----	-----

## Lake City, 70-90 ft.

Upright, closely branched type of American Elm, suitable for street and boulevard planting. Highly recommended.

20	8 to 10 feet	10.00	-----	-----
40	1¼ to 1½ inches	12.50	-----	-----
20	1½ to 1¾ inches	16.00	-----	-----
45	1¾ to 2 inches	20.00	-----	-----
20	2 to 2½ inches	25.00	-----	-----

## Moline Elm. 80-100 ft.

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

60	8 to 10 feet	11.00	100.00	-----
110	1¼ to 1½ inches	13.00	120.00	-----
275	1½ to 1¾ inches	17.50	160.00	-----
350	1¾ to 2 inches	20.00	185.00	-----
580	2 to 2½ inches	26.00	235.00	-----
200	2½ to 3 inches	32.50	300.00	-----

## Vase Elm, 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

110	8 to 10 feet	11.00	100.00	-----
150	1¼ to 1½ inches	13.00	120.00	-----
175	1½ to 1¾ inches	17.50	160.00	-----
260	1¾ to 2 inches	20.00	185.00	-----
350	2 to 2½ inches	25.00	235.00	-----
60	2½ to 3 inches	32.50	-----	-----

GOLDEN CHAIN TREE, *Laburnum vossii*.

A rare and beautiful low-growing tree, bearing in the spring a mass of golden flowers in graceful clusters of 12 to 18 inches in length.

250	1½ to 2 inches, 8 to 10 feet	18.50	175.00	-----
-----	------------------------------	-------	--------	-------

HACKBERRY, *Celtis occidentalis*, 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

450	5 to 6 feet	4.50	40.00	-----
1140	6 to 8 feet	6.50	60.00	-----
1270	8 to 10 feet	10.00	90.00	-----
1480	1½ to 2 inches	15.00	135.00	-----
450	2 to 2½ inches	22.00	200.00	-----
100	2½ to 3 inches	30.00	275.00	-----

## DECIDUOUS TREES—Continued

**HONEYLOCUST, *Gleditsia triacanthos*, 50-60 ft.**

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most any kind of soil. Not affected by borers or drought.

		Per 10	Per 100	Per 1000
210	5 to 6 feet.....	\$4.50	\$40.00	\$ .....
580	6 to 8 feet.....	6.50	60.00	.....
840	8 to 10 feet.....	9.00	85.00	.....
450	1½ to 2 inches.....	15.00	135.00	.....
80	2 to 2½ inches.....	25.00	225.00	.....
20	2½ to 3 inches.....	32.50	.....	.....

**Thornless, *Gleditsia triacanthos inermis*, 50-60 ft.**

A variety of *Triacanthos* without thorns.

50	5 to 6 feet.....	5.50	50.00	.....
130	6 to 8 feet.....	8.00	75.00	.....
250	8 to 10 feet.....	11.00	100.00	.....
150	1½ to 2 inches.....	16.50	150.00	.....
10	2 to 2½ inches.....	30.00	.....	.....

**KENTUCKY COFFEETREE, *Gymnocladus dioica*, 50-70 ft.**

Light blue green fern-like foliage. Very picturesque even in winter. White flowers, June.

100	4 to 5 feet.....	5.50	50.00	.....
120	5 to 6 feet.....	8.00	75.00	.....
270	6 to 8 feet.....	11.00	100.00	.....
150	8 to 10 feet.....	15.00	135.00	.....
80	1½ to 2 inches.....	19.00	175.00	.....
20	2 to 2½ inches.....	25.00	.....	.....

**LINDEN, American, *Tilia americana*, 60-90 ft.**

Rapid growing tree. Large glossy leaves, fragrant yellow flowers, June.

120	5 to 6 feet.....	6.50	60.00	.....
290	6 to 8 feet.....	8.50	80.00	.....
150	8 to 10 feet, 1¼ to 1½ inches.....	11.00	100.00	.....
440	1½ to 2 inches.....	15.00	135.00	.....
250	2 to 2½ inches.....	20.00	185.00	.....
100	2½ to 3 inches.....	27.50	250.00	.....

**Cordata, Littleleaf European Linden, 70 ft.**

Very small leaves and desirable habit of growth.

100	5 to 6 feet.....	8.00	75.00	.....
90	6 to 8 feet.....	11.00	100.00	.....
30	2 to 2½ inches.....	30.00	.....	.....

**Platyphyllos, Big Leaf European Linden. 60-70 ft.**

Large leaved European Linden making a large, symmetrical tree.

70	5 to 6 feet.....	6.00	55.00	.....
110	6 to 8 feet.....	8.50	80.00	.....
65	8 to 10 feet.....	12.00	100.00	.....

**Pyramidal, Pyramidal American Linden, 60-70 ft.**

A budded variety of American Linden with attractive and distinct pyramidal habit of growth.

90	5 to 6 feet.....	8.00	75.00	.....
170	6 to 8 feet.....	11.00	100.00	.....
120	8 to 10 feet.....	15.00	135.00	.....
40	1½ to 2 inches.....	20.00	.....	.....



## DECIDUOUS TREES—Continued

## LINDEN—Continued

Silvestris, Tilia Silvestris, 70 ft.

A variety of Tilia cordata small leaf European Linden.

		Per 10	Per 100	Per 1000
65	6 to 8 feet	\$8.50	\$80.00	\$
110	8 to 10 feet	12.00	110.00	
200	1½ to 2 inches	16.50	150.00	
170	2 to 2½ inches	22.00	200.00	
50	2½ to 3 inches	27.50		

## LOCUST, Black or Yellow, Robinia pseudoacacia, 50-80 ft.

A valuable heat and drought resisting tree. Fragrant white flowers in May followed by small dark seed pods in the autumn.

65	3 to 4 feet	1.80		
50	4 to 5 feet	2.50		
110	5 to 6 feet	3.50	30.00	
30	6 to 8 feet	5.00		

## MAY DAY TREE, See Prunus

## MAPLE, Amur, Acer ginnala. 20-25 ft.

Large shrub or small tree. Yellowish, fragrant flowers. April-May. Leaves and seed pods attractive.

15	3 to 4 feet	4.00		
70	4 to 5 feet	5.50	50.00	
140	5 to 6 feet	8.00	75.00	
60	6 to 8 feet	10.00		

## Box Elder, negundo. 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

160	4 to 5 feet	3.50	30.00	
250	5 to 6 feet	4.50	40.00	
110	6 to 8 feet	6.50	60.00	
125	8 to 10 feet	9.00	85.00	
20	1½ to 2 inches	13.50		

## Norway, platanoides. 50-60 ft.

Hardy, popular trees. Fine for park and street planting. Spreading habit.

300	4 to 5 feet, ¾ to ½ inch caliper, whips	3.50	30.00	
330	5 to 6 feet, ½ to ¾ inch caliper, whips	4.50	40.00	
690	6 to 8 feet, ¾ to 1 inch caliper, whips	5.50	50.00	
380	8 to 10 feet, ¾ to 1 inch caliper, whips	6.50	60.00	
240	6 to 8 feet, ¾ to 1 inch caliper, lightly br.	8.00	75.00	
70	6 to 8 feet, ¾ to 1 inch caliper, branched	11.00	100.00	
290	8 to 10 feet, 1 to 1¼ inch caliper, lightly br.	11.00	100.00	
300	8 to 10 feet, 1 to 1¼ inch caliper, branched	15.00	135.00	
230	1¼ to 1½ inches	17.50	160.00	
560	1½ to 1¾ inches	22.00	200.00	
450	1¾ to 2 inches	25.00	235.00	
110	2 to 2½ inches	32.50	300.00	

## Norway, platanoides. (Special Strain) 50-60 ft.

Budded. The original tree is a Schwedler Seedling. This strain of Norway Maple is a more rapid grower, has much more attractive foliage, and is upright and pyramidal in habit of growth. Valuable.

80	6 to 8 feet, ¾ to 1 inch caliper, lightly br.	10.00		
90	6 to 8 feet, ¾ to 1 inch caliper, branched	13.50	125.00	
110	8 to 10 feet, 1 to 1¼ inch caliper, lightly br.	13.50	125.00	
300	8 to 10 feet, 1 to 1¼ inch caliper, branched	16.00	150.00	
100	1¼ to 1½ inches, lightly br.	16.00	150.00	
110	1¼ to 1½ inches, branched	18.50	175.00	

## DECIDUOUS TREES—Continued

## MAPLE, Acer—Continued

## Schwedler, Purple Leaf Maple. 40-50 ft.

Very popular because of its reddish-purple leaves in the spring. We offer at attractive prices a splendid lot of transplanted Schwedleri Maple, branched trees.

		Per 10	Per 100	Per 1000
750	4 to 5 feet, $\frac{3}{8}$ to $\frac{1}{2}$ inch caliper, whips	\$6.50	\$60.00	\$
280	5 to 6 feet, $\frac{1}{2}$ to $\frac{5}{8}$ inch caliper, whips	8.00	75.00	
160	5 to 6 feet, $\frac{5}{8}$ to $\frac{3}{4}$ inch caliper, lightly br.	13.50	125.00	
420	6 to 8 feet, $\frac{3}{4}$ to 1 inch caliper, lightly br.	16.50	150.00	
680	6 to 8 feet, $\frac{3}{4}$ to 1 inch caliper, branched	19.00	175.00	
100	8 to 10 feet, 1 to $1\frac{1}{4}$ inch caliper, lightly br.	19.00	175.00	
290	8 to 10 feet, 1 to $1\frac{1}{4}$ inch caliper, branched	22.00	200.00	

## Silver, dasycarpum. 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

300	4 to 5 feet	2.90	25.00	
140	5 to 6 feet	4.00	35.00	
140	6 to 8 feet	5.50	50.00	
250	$1\frac{1}{2}$ to 2 inches	12.00	110.00	
300	2 to $2\frac{1}{2}$ inches	16.50	150.00	

## Sugar, saccharum. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

65	4 to 5 feet	5.50	50.00	
80	5 to 6 feet	7.50	70.00	
300	6 to 8 feet	11.00	100.00	
490	8 to 10 feet	15.00	140.00	
420	$1\frac{1}{4}$ to $1\frac{1}{2}$ inches	18.00	165.00	
200	$1\frac{1}{2}$ to $1\frac{3}{4}$ inches	22.00	200.00	
110	$1\frac{3}{4}$ to 2 inches	27.50	250.00	

## Wier, Cutleaved Silver Maple. 60-80 ft.

Graceful drooping limbs with cut leaves.

30	5 to 6 feet	5.50		
40	6 to 8 feet	8.00		
190	8 to 10 feet	11.00	100.00	
80	$1\frac{1}{2}$ to 2 inches	15.00		
15	2 to $2\frac{1}{2}$ inches	20.00		

## MOUNTAIN ASH, European, Sorbus aucuparia. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September.

120	5 to 6 feet	7.00	65.00	
200	6 to 8 feet	9.00	85.00	
450	8 to 10 feet	11.00	100.00	
170	$1\frac{1}{2}$ to 2 inches	15.00	135.00	
100	2 to $2\frac{1}{2}$ inches	19.00	175.00	

## Oakleaf, Sorbus quercifolia. 20-25 ft.

Upright, rather pyramidal growing tree with attractive foliage.

30	6 to 8 feet	10.00		
25	8 to 10 feet	12.50		

## OAK, Black, velutina. 75-80 ft.

Deep green foliage turning yellow or reddish-brown in autumn.

70	4 to 5 feet	8.00	75.00	
110	5 to 6 feet	11.00	100.00	
120	6 to 8 feet	15.00	135.00	
30	8 to 10 feet	20.00		



## DECIDUOUS TREES—Continued

## OAK—Continued

**Bur, *Mossycup, macrocarpa*. 75-80 ft.**

Strong growing oak, picturesque appearance due to its corky branches.			
		Per 10	Per 100 Per 1000
70	5 to 6 feet	\$11.00	\$100.00 \$
240	6 to 8 feet	15.00	135.00
120	8 to 10 feet	19.00	175.00

**Laurel, *Quercus laurifolia*. 60-80 ft.**

An attractive Oak with slender branches forming a dense round topped head, and with handsome glossy foliage.			
60	4 to 5 feet	8.00	75.00
150	5 to 6 feet	11.00	100.00
400	6 to 8 feet	15.00	135.00
400	8 to 10 feet	19.00	175.00
20	1½ to 2 inches	23.50	

**Pin, *Quercus palustris*. 70-80 ft.**

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.			
290	5 to 6 feet	11.00	100.00
380	6 to 8 feet	14.00	125.00
850	8 to 10 feet	19.00	175.00
1120	1½ to 2 inches	28.00	250.00
450	2 to 2½ inches	38.00	350.00
150	2½ to 3 inches	45.00	425.00

**Red, *Quercus rubra*. 60-80 ft.**

An excellent tree for park and street planting. Beautiful foliage turning red in autumn.			
260	5 to 6 feet	13.00	120.00
690	6 to 8 feet	15.00	140.00
580	8 to 10 feet, 1¼ to 1½ inches	22.00	200.00
320	1½ to 2 inches	30.00	275.00
150	2 to 2½ inches	40.00	375.00

**English, *Quercus Robur*. 60-80 ft.**

A long-lived Oak with stout branches, forming a broad round-topped head.			
20	5 to 6 feet	13.00	
60	6 to 8 feet	16.00	
50	8 to 10 feet	20.00	

**Scarlet, *Quercus coccinea*. 75-90 ft.**

Most striking Autumn colors; tall stately grower, deeply cut leaves.			
120	5 to 6 feet	13.00	120.00
150	6 to 8 feet	16.50	150.00
40	8 to 10 feet, 1¼ to 1½ inches	20.00	

**White, *Quercus alba*. 60-80 ft.**

A rugged oak of slow growth making a large, magnificent tree.			
100	4 to 5 feet	8.00	75.00
380	5 to 6 feet	11.00	100.00
870	6 to 8 feet	14.00	125.00
600	8 to 10 feet	19.00	175.00
350	1½ to 2 inches	28.00	250.00
140	2 to 2½ inches	38.00	350.00
15	2½ to 3 inches	42.50	

**PECAN, native nut bearing tree.**

30	3 to 4 feet	5.00	
35	4 to 5 feet	6.50	
35	5 to 6 feet	8.50	

**PTELEA, trifoliata, Common Hoptree. (Wafer Ash) 10-12 ft.**

Has clusters of seed pods that look and smell like hops.			
120	4 to 5 feet	4.50	40.00
115	5 to 6 feet	5.50	50.00
50	6 to 8 feet	7.00	

## DECIDUOUS TREES—Continued

**PERSIMMON, American, *Diospyros virginiana***

Very ornamental, with a round-topped head and handsome shining foliage.

		Per 10	Per 100	Per 1000
40	3 to 4 feet	\$5.00	\$	\$
50	4 to 5 feet	6.50		
40	5 to 6 feet	8.50		
25	6 to 8 feet	11.00		

**POPLAR, Bolleana, Silver Leaved. 50-60 ft.**

A rapid growing, columnar tree with silvery foliage.

150	8 to 10 feet	7.00	65.00	
290	1¼ to 1½ inches	8.50	80.00	
350	1½ to 2 inches	11.00	100.00	
115	2 to 2½ inches	15.00	135.00	

**Carolina, (Norway Variety). 75-100 ft.**

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

100	4 to 5 feet	1.70	14.00	
150	5 to 6 feet	2.10	18.00	
190	6 to 8 feet	2.90	25.00	
170	8 to 10 feet	4.50	40.00	
120	1¼ to 1½ inches	5.50	50.00	
170	1½ to 2 inches	8.00	75.00	
15	2 to 2½ inches	11.00		

**Lombardy, *nigra italica*. 60-80 ft.**

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

950	5 to 6 feet, low branched	2.10	18.00	160.00
2250	6 to 8 feet, " "	2.90	25.00	220.00
2500	8 to 10 feet, " "	3.50	30.00	280.00
1800	1¼ to 1½ inches, low branched	4.00	35.00	320.00
1000	1½ to 2 inches, " "	6.50	60.00	
450	2 to 2½ inches, " "	11.00	100.00	

**Silver, White Poplar. 50-60 ft.**

Well known as Silver Poplar, spreading habit, leaves woolly white underneath. Very hardy. Succeeds in cold dry climate.

60	4 to 5 feet, well branched	2.10	18.00	
70	5 to 6 feet, " "	2.90	25.00	
150	6 to 8 feet, " "	4.50	40.00	
200	8 to 10 feet, " "	6.50	60.00	
190	1½ to 2 inches, well branched	11.00	100.00	

**PRUNUS, Ornamental Plum****Clstena, Hansen's Purple Leaved Plum. 5-6 ft.**

A dwarf hardy variety with rich purple red foliage. Bush form.

180	12 to 18 inches	2.50	22.00	
-----	-----------------	------	-------	--

**Newport, Purple Leaved. (Bush form) 15-20 ft.**

Hardy upright grower. Foliage reddish purple with bright red tips.

130	4 to 5 feet	6.00	55.00	
-----	-------------	------	-------	--

**Padus commutata, May Day Tree. 18-20 ft.**

Very early blooming, producing a wealth of large, clear white fragrant flowers in clusters followed by edible fruit. May be grown either bush or tree form. Very hardy.

300	2 to 3 feet	3.50	30.00	
190	3 to 4 feet	4.50	40.00	



## DECIDUOUS TREES—Continued

## PRUNUS, Ornamental Plum—Continued

## Serotina, Wild Black Cherry. 40-50 ft.

A native of the Middle West. White flowers in May followed by small black cherries borne in clusters. Per 10 Per 100 Per 1000

35	6 to 8 feet	\$4.00	\$	\$
50	8 to 10 feet	5.50		

## Tomentosa, Nanking Cherry. 10-12 ft.

Very hardy variety, remarkable showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

380	3 to 4 feet	4.00	35.00	-----
520	4 to 5 feet	5.00	45.00	-----

## Triloba, Flowering Plum. 8-10 ft.

A handsome, hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.

250	12 to 18 inches (On Native Plum)	2.50	22.00	-----
200	18 to 24 inches " " "	3.20	28.00	-----
200	2 to 3 feet " " "	4.00	35.00	-----
220	3 to 4 feet " " "	5.00	45.00	-----
190	4 to 5 feet " " "	6.00	55.00	-----

## RED BUD, Cercis canadensis. 20-30 ft.

Very attractive, rosy pink almost red flowers in April.

90	4 to 5 feet	5.00	45.00	-----
----	-------------	------	-------	-------

## RUSSIAN OLIVE, Elaeagnus angustifolia. 20-25 ft.

Attractive silver gray leaves, grayish white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Hardy.

400	3 to 4 feet	2.40	20.00	-----
270	4 to 5 feet	2.90	25.00	-----
120	5 to 6 feet	4.00	35.00	-----
68	6 to 8 feet	5.50	50.00	-----
100	8 to 10 feet	8.00	75.00	-----

For smaller sizes see Elaeagnus under Shrubs.

## SYCAMORE or American Planetree, Platanus occidentalis. 100-130 ft.

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

110	5 to 6 feet	4.50	40.00	-----
220	6 to 8 feet	7.00	65.00	-----
40	1½ to 1¾ inches	16.50		-----

## THORN, Crataegus, Arnoldiana, Arnold's Thorn. 18-20 ft.

An open-headed tree having white flowers in May and bright crimson fruit in August.

50	3 to 4 feet	5.50	50.00	-----
90	4 to 5 feet	8.50	80.00	-----
200	5 to 6 feet	12.00	110.00	-----
50	6 to 8 feet	17.50		-----

## Coccinea, Thicket Hawthorn. 20-25 ft.

Bushy tree, white flowers, dull red fruit.

100	3 to 4 feet	5.50	50.00	-----
100	4 to 5 feet	8.50	80.00	-----
40	5 to 6 feet	12.00		-----

## Cordata, Washington Hawthorn. 20-25 ft.

Bright red fruit, brilliant autumn foliage.

40	3 to 4 feet	6.00		-----
100	4 to 5 feet	8.50	80.00	-----
220	5 to 6 feet	12.00	110.00	-----
150	6 to 8 feet	16.50	150.00	-----
40	8 to 10 feet	22.50		-----
20	1½ to 2 inches	30.00		-----

## DECIDUOUS TREES—Continued

THORN, *Crataegus*—Continued

## Crusgalli, Cockspur Thorn. 15-18 ft.

Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruit, long thorns.

	Per 10	Per 100	Per 1000
180 3 to 4 feet	\$5.50	\$50.00	\$
350 4 to 5 feet	8.50	80.00	
490 5 to 6 feet	12.00	110.00	
190 6 to 8 feet	19.00	175.00	
10 8 to 10 feet	25.00		

English Hawthorn, *oxycantha*. 12-15 ft.

A small shrubby tree. Single white blooms in the spring.

	Per 10	Per 100	Per 1000
100 3 to 4 feet	5.50	50.00	
110 4 to 5 feet	8.50	80.00	
40 5 to 6 feet	12.00		

## Mollis, Downy Hawthorn. 15 ft.

Vigorous spreading growth. Large leaves, attractive red fruit.

	Per 10	Per 100	Per 1000
390 3 to 4 feet	4.50	40.00	
450 4 to 5 feet	6.50	60.00	
780 5 to 6 feet	10.00	90.00	
750 6 to 8 feet	14.00	125.00	
400 8 to 10 feet	16.50	150.00	

## Prunifolia, Plumleaf Hawthorn. 30 ft.

Branches spreading or somewhat ascending, spiny. Fruit, red. May, June.

	Per 10	Per 100	Per 1000
10 5 to 6 feet	12.00		
20 6 to 8 feet	17.50		
50 8 to 10 feet	25.00		

## Punctata, Dotted Hawthorn. 25-30 ft.

Broad-headed, small tree with large, white flowers in May; dull red, spotted fruit in October.

	Per 10	Per 100	Per 1000
140 3 to 4 feet	5.50	50.00	
210 4 to 5 feet	8.50	80.00	
400 5 to 6 feet	12.00	110.00	
520 6 to 8 feet	19.00	175.00	
140 8 to 10 feet	25.00	225.00	

WILLOW, *Salix*

## Niobe Weeping. 30-35 ft.

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.

	Per 10	Per 100	Per 1000
1100 3 to 4 feet	2.10	18.00	160.00
1400 4 to 5 feet	2.90	25.00	220.00
300 5 to 6 feet	4.50	40.00	
350 6 to 8 feet	7.00	65.00	
120 8 to 10 feet	10.00	90.00	

Pussy, *discolor*. 20-25 ft.

Popular willow on account of catkins in March-April before leaves.

	Per 10	Per 100	Per 1000
100 3 to 4 feet	2.90	25.00	
300 4 to 5 feet	3.50	30.00	
90 5 to 6 feet	4.00	35.00	

Russian Golden, *vitellina aurea*. 25-30 ft.

Medium spreading growth. Golden yellow bark. Very hardy.

	Per 10	Per 100	Per 1000
260 3 to 4 feet	1.80	15.00	
400 4 to 5 feet	2.40	20.00	
200 5 to 6 feet	3.50	30.00	

Wisconsin Weeping, *blanda*. 40-50 ft.

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

	Per 10	Per 100	Per 1000
450 4 to 5 feet	2.90	25.00	
220 5 to 6 feet	4.50	40.00	
70 6 to 8 feet	7.50	65.00	
100 8 to 10 feet	10.00	90.00	
200 1¼ to 1½ inches	12.00	110.00	
100 1½ to 2 inches	16.50	150.00	



## ORNAMENTAL SHRUBS

Our shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well furnished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

### ACANTHOPANAX, pentaphyllum, Five leaf Aralia. 5-10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

		Per 10	Per 100	Per 1000
60	18 to 24 inches.....	\$2.10	\$18.00	\$ ----
330	2 to 3 feet.....	2.90	25.00	-----
540	3 to 4 feet.....	4.00	35.00	-----
40	4 to 5 feet.....	5.00	-----	-----

### ALMOND, Pink Flowering, Prunus glandulosa. 5-6 ft.

Double pink. Very ornamental, limbs being covered with masses of flowers. April-May.

130	12 to 18 inches, Own Root.....	1.90	16.00	-----
200	18 to 24 inches, " ".....	2.50	22.00	-----
420	2 to 3 feet, " ".....	3.20	28.00	-----
300	3 to 4 feet, " ".....	3.70	32.00	-----

### White Flowering, Prunus glandulosa. 5-6 ft.

Double white flowering variety. Have buds and own root plants.

140	18 to 24 inches.....	2.50	22.00	-----
450	2 to 3 feet.....	3.20	28.00	-----
600	3 to 4 feet.....	3.70	32.00	-----

### ALTHEA, Hibiscus syriacus. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red and white.

12 to 18 inches.....	.80	7.00	-----
18 to 24 inches.....	1.20	10.00	-----
2 to 3 feet.....	1.90	16.00	-----
3 to 4 feet.....	2.50	22.00	-----
d—double      s—single			
	3/4	2/3	18/24    12/18
Anemonaeflorus, d pink.....	-----	150	760    120
Ardens, d purple.....	90	180	320    60
Boule de Feu, d red.....	-----	160	420    180
Jean d'Arc, d white.....	40	160	220    -----
Purple, semi-double.....	-----	320	340    90
Rose, double.....	60	90	90    -----
Rubis, s red.....	-----	40	180    -----
Snowdrift, s white.....	50	-----	-----

### AMELANCHIER, canadensis Juneberry (Downy Shadblow) 10-15 ft.

Attractive white flowers early spring followed by dark red fruit. Edible. Attractive to birds.

		Per 10	Per 100	Per 1000
20	2 to 3 feet.....	\$3.50	\$ ----	\$ ----
25	3 to 4 feet.....	4.50	-----	-----
20	4 to 5 feet.....	5.50	-----	-----

### AMORPHA fruticosa, Indigo Bush. 8-10 ft.

A vigorous growing shrub with dark violet flowers.

80	12 to 18 inches.....	1.70	14.00	-----
40	18 to 24 inches.....	2.00	-----	-----

### ARONIA arbutifolia, Red Chokeberry. 8-10 ft.

White flowers sometimes tinged with red. April-May. Bright red fruit and red foliage in autumn.

310	12 to 18 inches.....	1.20	10.00	-----
240	18 to 24 inches.....	1.80	15.00	-----
90	2 to 3 feet.....	2.40	20.00	-----

## ORNAMENTAL SHRUBS—Continued

## ARONIA—Continued

**Melanocarpa, Black Chokeberry. 6-8 ft.**

Attractive white flowers, smooth foliage, with black shiny fruit in autumn.

		Per 10	Per 100	Per 1000
230	12 to 18 inches	\$1.20	\$10.00	\$ ----
270	18 to 24 inches	1.80	15.00	----
190	2 to 3 feet	2.40	----	----

## BARBERRY

**Thunbergi, Common Barberry. 4-5 ft.**

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

700	9 to 12 inches	.70	6.00	----
550	12 to 15 inches	1.20	10.00	90.00
4500	15 to 18 inches	1.40	12.00	100.00
7100	18 to 24 inches	1.70	14.00	120.00
8800	2 to 2½ feet	2.10	18.00	150.00
4000	2½ to 3 feet	2.40	20.00	180.00

See Hedging for Seedlings and smaller grades.

**Box, Berberis minor. 2-3 ft.**

Dwarf form of Japanese Barberry. Fine for low hedges or borders.

280	9 to 12 inches	1.10	9.00	----
330	12 to 15 inches	1.40	12.00	----
200	15 to 18 inches	1.90	16.00	----
80	18 to 24 inches	2.50	----	----

**Red Leaved, atropurpurea. 3-6 ft.**

Variety of Japanese Barberry with bright red foliage.

500	12 to 15 inches	1.70	14.00	----
1150	15 to 18 inches	2.10	18.00	----
1200	18 to 24 inches	2.60	22.00	----
340	2 to 2½ feet	2.90	25.00	----
75	2½ to 3 feet	3.50	30.00	----

See Hedging for Seedlings and smaller grades.

**BERBERIS MENTORENSIS**

Plant Patent No. 99

(Sun or shade—ultimate height 5 ft.)

Barberry Mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong, upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

Size	Wholesale Prices Net			Retail Resale Prices		
	Per 10	Per 100	Per 1000	Per 3	Per 12	Per 100
100 12 to 15 inches	\$2.50	\$20.00	\$ ----	\$1.15	\$4.25	\$30.00
200 15 to 18 inches	3.00	25.00	----	1.35	5.00	37.50
150 18 to 24 inches	3.75	30.00	----	1.75	6.00	45.00

**TRUEHEDGE COLUMBERRY**

Var. Berberis Thunbergi, erecta

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

Size	Wholesale Prices Net			Retail Resale Prices			
	Per 10	Per 100	Per 1000	Each	Per 5	Per 25	Per 100
500 15 to 18 inches	\$2.70	\$22.00	\$ ----	\$0.55	\$2.10	\$8.75	\$32.00
600 18 to 24 inches	3.30	28.00	250.00	.65	2.65	11.50	42.00
550 2 to 2½ feet	4.00	35.00	300.00	.80	3.25	13.75	50.00



## ORNAMENTAL SHRUBS—Continued

**BUCKTHORN, Cathartica, Common Buckthorn. 10-12 ft.**

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

		Per 10	Per 100	Per 1000
125	12 to 18 inches	\$0.70	\$ 6.00	\$ ----
250	18 to 24 inches	.95	8.00	----
580	2 to 3 feet	1.40	12.00	100.00
650	3 to 4 feet	1.80	15.00	----
360	4 to 5 feet	2.40	20.00	----

**Frangula, Glossy Buckthorn. 10-12 ft.**

Upright, hardy shrub, used for hedging. Berries red changing to black.

100	12 to 18 inches	.95	8.00	----
200	18 to 24 inches	1.40	12.00	----
120	2 to 3 feet	1.90	16.00	----
35	3 to 4 feet	2.50		----

**BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.****Farquhar. 5-6 ft.**

Lavender pink flowers with orange center; fragrant.

180	No. 1	2.40	20.00	----
-----	-------	------	-------	------

**Fortune (Plant Patent No. 206). 4-6 ft.**

Flowers of pure lilac with a brilliant orange eye; large, fully round sprays of 2 ft. in length. Desirable for cut flowers. Foliage deep leathery, dark green. Prolific bloomer. (Retail at 75¢ each, \$7.50 per doz.)

300	No. 1	4.00	25.00	----
-----	-------	------	-------	------

**Ile de France. 4-6 ft.**

Large flowers of rich, reddish-purple, borne in long panicles.

150	Medium	1.90	16.00	----
220	No. 1	2.40	20.00	----

**BUDDLEIA—New Varieties.**

	Well established 2¼-inch pot plants	1.40	12.00	----
	Medium, dormant plants, field grown	1.90	16.00	----
	No. 1, dormant plants, field grown	2.40	20.00	----

2¼-inch  
No. 1    Medium    Pot Plants

<b>Concord</b> , A new dark red Buddleia with blood-red eye shading lighter to edge of petals. Strong spikes.	200	90	----
<b>Dubonnet</b> , A new dark wine, dubonnet colored buddleia with firm, large spikes and individual flowers of good size that do not sunburn.	220	160	800
<b>Eleanor</b> , Eleanor-blue with orange eye with full, rounded flower heads. Very compact and individual flowers of good size. Dwarf.	100	----	----
<b>Hartwegi</b> , A thrifty, compact Butterfly Bush with heavy, dark green foliage and bright lavender flowers good for cutting.	180		----

**EMPIRE BLUE**

Patent No. 557

We have seen no other blue Buddleia that compares with this. The color is an Aster-blue with a delicate lilac tone, the whole effect being an exquisite shade of blue.

	Per 10	Per 100	Per 1000
100 No. 1, dormant plants, field grown	\$4.00	\$35.00	\$ ----

**ORNAMENTAL SHRUBS—Continued****BUDDLEIA, Butterfly Bush—Continued****PINK DAWN**

A Mount Arbor introduction—cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire Summer and Autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering Buddleia in existence today.

	Per 10	Per 100	Per 1000
500 Well established 2¼-inch pot plants.....	\$2.90	\$25.00	\$ -----

**ROYAL RED**

Patent No. 556

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

	Per 10	Per 100	Per 1000
1000 Well established 2¼-inch Pot Plants.....	\$3.00	\$25.00	\$ -----
940 No. 1, dormant plants, field grown.....	4.00	35.00	\$ -----

**BUFFALOBERRY SILVER, Shepherdia argentea. 12-18 ft.**

Large thorny shrub, almost tree-form with showy silvery foliage and red or yellow edible fruits.

	Per 10	Per 100	Per 1000
110 12 to 18 inches.....	\$1.10	\$ 9.00	\$ -----
270 18 to 24 inches.....	1.40	12.00	-----

**CALLICARPA purpurea, Chinese Beautyberry. 3-6 ft.**

Clusters of attractive purple berries in the fall. Tops kill back like Butterfly Bush.

	1.50	12.00	-----
180 12 to 18 inches.....	1.50	12.00	-----
500 18 to 24 inches.....	1.90	16.00	-----
100 2 to 3 feet.....	2.40	20.00	-----

**CALYCANTHUS floridus, Sweetshrub. 4-6 ft.**

A fragrant shrub with chocolate colored flowers.

	2.10	18.00	-----
100 12 to 18 inches.....	2.10	18.00	-----
120 18 to 24 inches.....	2.50	22.00	-----

**CARAGANA arborescens, Siberian Pea-Tree. 12-15 ft.**

Very hardy. Yellow flowers in May-June.

	.90	8.00	-----
5000 6 to 12 inches.....	.90	8.00	-----
500 9 to 12 inches.....	.40	3.50	-----
600 12 to 18 inches.....	.60	5.00	-----
240 18 to 24 inches.....	.95	8.00	-----
100 2 to 3 feet.....	1.40	12.00	-----
460 3 to 4 feet.....	1.90	16.00	-----
380 4 to 5 feet.....	2.50	22.00	-----

**CEPHALANTHUS occidentalis, Buttonbush. 5-6 ft.**

Attractive foliage with round heads of creamy white flowers. July-September.

	1.40	12.00	-----
45 12 to 18 inches.....	1.40	12.00	-----
20 18 to 24 inches.....	2.00	-----	-----
70 2 to 3 feet.....	2.50	22.00	-----
68 3 to 4 feet.....	3.50	30.00	-----



## ORNAMENTAL SHRUBS—Continued

**CHIONANTHUS virginica, White Fringe. 25 ft.**

Large glossy leaves, white fragrant flowers, May-June.

	Per 10	Per 100	Per 1000
150 12 to 18 inches.....	\$2.50	\$22.00	\$.....

**CORNUS, Dogwood****Alba Siberica, Coral Dogwood. 10-12 ft.**

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

300 12 to 18 inches.....	.95	8.00	-----
400 18 to 24 inches.....	1.40	12.00	-----
2100 2 to 3 feet.....	2.10	18.00	160.00
1500 3 to 4 feet.....	2.50	22.00	200.00
1800 4 to 5 feet.....	3.50	30.00	280.00

**Florida Rubra, Red Flowering Dogwood. 15-20 ft.**

Variety of Cornus Florida with bright pink flowers.

50 2 to 3 feet (Balled in Moss).....	11.00	100.00	-----
30 3 to 4 feet (Balled in Moss).....	15.00	-----	-----

**Goldentwig, stolonifera lutea. 8-10 ft.**

Distinct yellow bark, has fine winter effect.

130 12 to 18 inches.....	1.20	10.00	-----
580 18 to 24 inches.....	1.80	15.00	-----
700 2 to 3 feet.....	2.40	20.00	180.00
650 3 to 4 feet.....	2.80	24.00	220.00
140 4 to 5 feet.....	3.50	30.00	-----

**Mas, Cornelian Cherry. 20-25 ft.**

Dense growth with glossy foliage. Attractive in early spring with its yellow flowers and in fall with its shining scarlet fruits.

100 12 to 18 inches.....	2.40	20.00	-----
10 18 to 24 inches.....	3.00	-----	-----
10 2 to 3 feet.....	3.50	-----	-----

**Paniculata, Gray Dogwood. 10-12 ft.**

White flowers in May followed by white fruit.

220 12 to 18 inches.....	1.40	12.00	-----
900 18 to 24 inches.....	1.90	16.00	-----
1600 2 to 3 feet.....	2.40	20.00	180.00
540 3 to 4 feet.....	2.90	25.00	220.00
400 4 to 5 feet.....	3.80	33.00	300.00
500 5 to 6 feet.....	4.50	40.00	-----

**Sanguinea, Bloodtwig Dogwood. 10-12 ft.**

Beautiful glossy red branches, greenish-white flowers. May-June.

50 18 to 24 inches.....	1.40	12.00	-----
200 2 to 3 feet.....	1.90	16.00	-----

**Stolonifera, Red-Osier Dogwood. 15-20 ft.**

Dark wine colored branches. Dull white flowers. May-June. White berries.

100 18 to 24 inches.....	1.40	12.00	-----
540 2 to 3 feet.....	1.90	16.00	-----
200 3 to 4 feet.....	2.50	22.00	200.00
500 4 to 5 feet.....	3.20	28.00	-----

**CORYLUS americana, American Hazelnut. 8-10 ft.**

Thrives in shady locations. Attractive foliage. Produces popular nuts.

150 12 to 18 inches.....	2.10	18.00	-----
160 2 to 3 feet.....	3.50	30.00	-----
20 3 to 4 feet.....	4.50	-----	-----

## ORNAMENTAL SHRUBS—Continued

**COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.**

An attractive hardy shrub or hedge. Dark green leaves. Black fruit.

		Per 10	Per 100	Per 1000
100	18 to 24 inches	\$1.70	\$14.00	\$
400	2 to 3 feet	2.10	18.00	160.00
1200	3 to 4 feet	2.50	22.00	200.00
400	4 to 5 feet	3.20	28.00	-----

**Divaricata, Spreading Cotoneaster. 5-6 ft.**

Handsome shrub bearing pink flowers and red berries. Foliage nearly evergreen.

290	18 to 24 inches (B&B 25¢ extra)	3.50	30.00	-----
140	2 to 3 feet (B&B 30¢ extra)	4.50	40.00	-----
150	3 to 4 feet (B&B 40¢ extra)	6.50	60.00	-----
180	4 to 5 feet (B&B 50¢ extra)	8.00	75.00	-----

**Wilsoni, Wilsons Cotoneaster. 5 ft.**

Small box-like leaves and red berries. Foliage nearly evergreen.

150	18 to 24 inches (B&B 25¢ extra)	4.00	35.00	-----
200	2 to 3 feet (B&B 30¢ extra)	5.00	45.00	-----

**CYDONIA japonica, Flowering Quince. 5-6 ft.**

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

800	12 to 18 inches	1.90	16.00	140.00
700	18 to 24 inches	2.50	22.00	200.00
2600	2 to 3 feet	3.20	28.00	250.00
600	3 to 4 feet	3.80	33.00	300.00

**Pygmaea, japonica pygmy, Dwarf Japanese Quince. 3-4 ft.**

Dwarf form of Cydonia Japonica.

90	12 to 18 inches	1.90	16.00	-----
120	18 to 24 inches	2.50	22.00	-----
270	2 to 3 feet	3.20	28.00	-----

**DAPHNE CNEORUM, Garland Flower. 2 ft.**

An interesting Evergreen shrub. Attractive rose-pink flowers. April-May.

80	9 to 12 inches, B&B	8.00	75.00	-----
----	---------------------	------	-------	-------

**DESMODIUM (See lespedeza)****DEUTZIA gracilis, Slender Deutzia. 3 ft.**

Dwarf, blooms freely. Small pure white flowers. May.

850	9 to 12 inches	1.70	14.00	-----
480	12 to 15 inches	2.40	20.00	-----
90	15 to 18 inches	2.90	25.00	-----

**Lemoine Deutzia. 5-6 ft.**

Large white showy flowers in May. Quite hardy.

110	12 to 18 inches	2.40	20.00	-----
185	18 to 24 inches	3.20	28.00	-----
80	2 to 2½ feet	4.00	35.00	-----

**Pride of Rochester. 10-12 ft.**

Strong grower, free bloomer, double white flowers tinged pink.

300	18 to 24 inches	1.70	14.00	-----
400	2 to 3 feet	2.10	18.00	-----
560	3 to 4 feet	2.50	22.00	200.00
180	4 to 5 feet	3.20	28.00	-----

**ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.**

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

70	18 to 24 inches	.95	8.00	-----
170	2 to 3 feet	1.40	12.00	-----
320	3 to 4 feet	2.40	20.00	-----
150	4 to 5 feet	2.90	25.00	-----

(For larger sizes—See Russian Olive under Deciduous Trees)



## ORNAMENTAL SHRUBS—Continued

**ELDER American, *Sambucus canadensis*. 8-10 ft.**

Hardy, native shrub with white fragrant flowers, June-July, followed by black berries.

		Per 10	Per 100	Per 1000
120	18 to 24 inches	\$1.80	\$15.00	\$
130	2 to 3 feet	2.40	20.00	
15	3 to 4 feet	3.00		

**Cutleaf American *acutifolia*. 8-10 ft.**

Dark green fern-like leaves, finely cut. White flowers, May-June.

90	12 to 18 inches	1.40	12.00	
80	18 to 24 inches	1.80	15.00	
10	2 to 3 feet	2.50		

**Golden American, *canadensis aurea*. 10-12 ft.**

Hardy rapid growing shrub with outstanding yellow foliage.

60	2 to 3 feet	2.40	20.00	
100	3 to 4 feet	2.90	25.00	

**Pubens, Scarlet Elder. 8 ft.**

Native, hardy northern shrub. White flowers in June and red fruit, June-August.

60	18 to 24 inches	2.40	20.00	
30	2 to 3 feet	3.00		

**EUONYMUS alatus, Winged Euonymus (Japanese Spindle Tree). 10-12 ft.**

Yellow flowers, May-June. Interesting corky bark. Leaves turning brilliant crimson in autumn.

100	18 to 24 inches	4.00	35.00	
300	2 to 3 feet	5.50	50.00	
200	2½ to 3 feet	6.50	60.00	
130	3 to 4 feet	8.00	75.00	

**Alatus compacta, Dwarf Winged Euonymus. 4-6 ft.**

Dwarf, compact form of the type. Splendid for hedges.

50	12 to 18 inches	4.00	35.00	
70	18 to 24 inches	5.50	50.00	
200	2 to 3 feet	8.00	75.00	

**Atropurpureus, Wahoo. 12-15 ft.**

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.

350	12 to 18 inches	1.70	14.00	
300	18 to 24 inches	2.10	18.00	
400	2 to 3 feet	2.90	25.00	
250	3 to 4 feet	4.00	35.00	

**European, Burningbush, *europaeus*. 12-15 ft.**

Dark green foliage with yellow and scarlet fruit in autumn.

210	2 to 3 feet	2.90	25.00	
240	3 to 4 feet	3.50	30.00	
70	4 to 5 feet	4.00	35.00	

**Patens, Spreading Euonymus. 4-5 ft.**

Graceful, spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy.

200	18 to 24 inches (B&B extra @ 25¢)	4.50	40.00	
350	2 to 3 feet (B&B extra @ 30¢)	7.00	65.00	
120	3 to 4 feet (B&B extra @ 40¢)	9.00	85.00	

**Yedoensis, Yeddo Euonymus. 12-15 ft.**

Large shrub with masses of pink and orange four lobed fruit.

25	18 to 24 inches	2.40	20.00	
80	2 to 3 feet	2.90	25.00	
40	3 to 4 feet	3.50		

**EXOCHORDA grandiflora, Pearl Bush. 8-10 ft.**

Dazzling white flowers in May. Attractive foliage. Prefers moist soil; will thrive in shade.

70	18 to 24 inches	1.80	15.00	
110	2 to 3 feet	2.40	20.00	
110	3 to 4 feet	2.90	25.00	

## ORNAMENTAL SHRUBS—Continued

**FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.**

Upright, arching branches. Bright yellow flowers early in April.

		Per 10	Per 100	Per 1000
1200	12 to 18 inches.....	\$1.20	\$10.00	\$.....
500	18 to 24 inches.....	1.80	15.00	.....
1200	2 to 3 feet.....	2.40	20.00	.....
200	3 to 4 feet.....	2.90	25.00	.....
180	4 to 5 feet.....	4.00	35.00	.....

**Intermedia, Border Forsythia. 8-10 ft.**

Vigorous, spreading, bright yellow flowers early in April.

400	18 to 24 inches.....	1.80	15.00	.....
800	2 to 3 feet.....	2.40	20.00	.....
290	3 to 4 feet.....	2.90	25.00	.....
150	4 to 5 feet.....	4.00	35.00	.....

**Intermedia Spectabilis, Showy Border Forsythia. 8-10 ft.**

Improved form of Intermedia. Rich golden yellow flowers.

150	12 to 18 inches.....	1.20	10.00	.....
150	18 to 24 inches.....	1.80	15.00	.....
400	2 to 3 feet.....	2.40	20.00	.....
800	3 to 4 feet.....	2.90	25.00	.....
580	4 to 5 feet.....	4.00	35.00	.....

**Suspensa, Weeping Forsythia. 6-8 ft.**

Slender pendulous branches. Golden yellow flowers in April.

45	18 to 24 inches.....	1.90	16.00	.....
60	2 to 3 feet.....	2.50	22.00	.....
200	3 to 4 feet.....	3.50	30.00	.....

**FRINGE, Purple, See Rhus.****HAMAMELIS, virginiana, Witchhazel. 12-15 ft.**

Succeeds in moist places with partial shade. Yellow flowers late autumn.

300	12 to 18 inches.....	1.80	15.00	.....
270	18 to 24 inches.....	2.50	22.00	.....
90	2 to 3 feet.....	3.50	30.00	.....

**HONEYSUCKLE, Lonicera****Bella Albida, White Belle Honeysuckle. 10-12 ft.**

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

130	12 to 18 inches.....	1.20	10.00	.....
190	18 to 24 inches.....	1.80	15.00	.....
230	2 to 3 feet.....	2.40	20.00	.....
100	3 to 4 feet.....	2.90	25.00	.....
150	4 to 5 feet.....	4.00	35.00	.....

**Grandiflora Rosea, Bride. 12-15 ft.**

Flowers bright pink, April-May. One of the best pink upright honeysuckles. Hardy, strong, upright grower.

140	12 to 18 inches.....	1.20	10.00	.....
550	18 to 24 inches.....	1.80	15.00	.....
400	2 to 3 feet.....	2.40	20.00	.....
120	3 to 4 feet.....	2.90	25.00	.....

**Morrow Honeysuckle, morrowi. 7-8 ft.**

Spreading habit, attractive foliage. White flowers, May-June. Red berries.

60	2 to 3 feet.....	2.50	22.00	.....
200	3 to 4 feet.....	3.20	28.00	.....
160	4 to 5 feet.....	4.00	35.00	.....



## ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE *Lonicera*—ContinuedPink Tatarian, *tatarica rosea*. 10-12 ft.

Hardy, vigorous grower. Pink flowers, April-May, red fruit.

		Per 10	Per 100	Per 1000
180	12 to 18 inches	\$1.20	\$10.00	\$
1100	18 to 24 inches	1.80	15.00	-----
290	2 to 3 feet	2.40	20.00	-----
340	3 to 4 feet	2.90	25.00	-----
220	4 to 5 feet	4.00	35.00	-----

Red Tatarian, *tatarica rubra*. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

400	12 to 18 inches	1.20	10.00	-----
540	18 to 24 inches	1.80	15.00	-----
150	2 to 3 feet	2.40	20.00	-----
780	3 to 4 feet	2.90	25.00	-----
400	4 to 5 feet	4.00	35.00	-----

## HONEYSUCKLE (Also see Hedging)

HYDRANGEA *arborescens grandiflora*, Snowhill. 3-6 ft.

Large, double white flowers June-July. Thrives in shady places.

720	12 to 18 inches	2.40	20.00	-----
200	3 to 3½ feet	4.00	35.00	-----

Paniculata *Grandiflora*, Peegee Hydrangea. 6-8 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn, July-October.

2400	12 to 18 inches	2.40	20.00	180.00
1150	18 to 24 inches	2.90	25.00	-----
1200	2 to 3 feet	3.50	30.00	-----
60	3 to 3½ feet	4.00	35.00	-----

ILEX *verticillata*, Winterberry. 6-8 ft.

Bright red berries which remain until midwinter.

1400	12 to 18 inches	1.70	14.00	-----
1120	18 to 24 inches	2.40	20.00	-----
1180	2 to 3 feet	2.90	25.00	-----
140	3 to 4 feet	4.00	35.00	-----

KERRIA *japonica*, Single Kerria. 4 ft.

Beautiful, single, yellow flowers. June-September. Kills back in winter in this latitude.

220	12 to 18 inches	2.40	20.00	-----
60	18 to 24 inches	2.90	25.00	-----

Japonica *flore-pleno*, Double Kerria. 4 ft.

Similar to above variety with double flowers.

40	9 to 12 inches	1.90	16.00	-----
120	12 to 18 inches	2.50	22.00	-----

KOLKWITZIA *amabilis*, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

80	12 to 18 inches	2.90	25.00	-----
90	2 to 3 feet	4.50	40.00	-----
250	3 to 4 feet	5.50	50.00	-----

LESPEDeza, *formosa*, Purple Bushclover (*Desmodium penduliflorum*). 5-6 ft.

An herbaceous perennial shrub with attractive purple flowers in September.

60	2-year, No. 1	2.90	25.00	-----
----	---------------	------	-------	-------

## ORNAMENTAL SHRUBS—Continued

LILAC, *Syringa*. 12-15 ft.

## French Lilacs, Named Varieties.

Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.

		Per 10	Per 100	Per 1000
	12 to 18 inches	\$2.50	\$22 00	\$
	18 to 24 inches	3.50	30.00	
	2 to 3 feet	4.50	40.00	
	3 to 4 feet	6.50	60.00	
d—double	s—single	3/4	2/3	18/24 12/18
Alphonse Lavalle, d violet			140	280
Belle de Nancy, d rose, white center				60
Chas. Joly, d purple				140
*Chas. X., s reddish purple	320	120	150	320
Edouard Andre, d pink		90		
French White, s white			30	40
General Pershing, d light blue		40		320
Lucie Baltet, s pink		120		280
Ludwig Spaeth, s purple				120
Mme. Casimir Perier, d white			270	180
Mme. Lemoine, d white				280
Marc Michel, d blue		60		
Marie Legraye, s white			490	580
Michel Buchner, d pale lilac		50	50	110
Mont Blanc, s white			30	90
Pres. Grevy, d light blue	220	360	90	

\*Variety 5¢ less on each grade

Common Purple, *vulgaris*. 12-18 ft.

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.

	Per 10	Per 100	Per 1000
500 12 to 18 inches	\$1.40	\$12.00	\$
350 18 to 24 inches	2.10	18.00	
500 2 to 3 feet	2.50	22.00	
600 3 to 4 feet	4.00	35.00	

Common White, *vulgaris alba*. 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

	Per 10	Per 100	Per 1000
600 12 to 18 inches	1.70	14.00	
500 18 to 24 inches	2.10	18.00	
500 2 to 3 feet	2.90	25.00	
340 3 to 3½ feet	4.50	40.00	

Chinese, *rothomagensis*. 8-10 ft.

Generally grown and sold for Persian Lilac. Upright, vigorous grower, reddish purple flowers, April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

	Per 10	Per 100	Per 1000
640 12 to 18 inches	\$1.80	\$15.00	\$
600 18 to 24 inches	2.40	20.00	
750 2 to 3 feet	2.90	25.00	220.00
1100 3 to 4 feet	3.50	30.00	280.00
1290 4 to 5 feet	4.00	35.00	320.00
145 5 to 6 feet	4.50	40.00	



## ORNAMENTAL SHRUBS—Continued

LILAC, *Syringa*—Continued**Dr. Breiten Schneider. 8-10 ft.**

Hardy upright grower. Large attractive leaves. Beautiful lavender flowers. Villosa type, blooms late.

		Per 10	Per 100	Per 1000
100	2 to 3 feet.....	\$2.90	\$25.00	\$.....
400	3 to 4 feet.....	4.00	35.00	.....
400	4 to 5 feet.....	5.00	45.00	.....

**Japonica, Tree Lilac. 18-22 ft.**

Loose bunches creamy-white flowers; handsome foliage. June-July.

40	18 to 24 inches.....	2.50		
100	2 to 3 feet.....	3.50	30.00	
10	3 to 4 feet.....	4.00		

**Persian Purple, persica. 8-10 ft.**

Spreading habit. Slender arching branches with small leaves. Pale lilac flowers, poor quality. April-May. Rothomagensis superior.

220	12 to 18 inches.....	1.80	15.00	
190	18 to 24 inches.....	2.40	20.00	
300	2 to 3 feet.....	2.90	25.00	
580	3 to 4 feet.....	3.50	30.00	
450	4 to 5 feet.....	4.00	35.00	

**Rubra de Marley, vulgaris variety. 10-12 ft.**

An improved strain of vulgaris lilac, often classed as a hybrid variety, producing a mass of single, rich, reddish purple flowers. Hardy and vigorous grower.

70	12 to 18 inches.....	1.90	16.00	
220	18 to 24 inches.....	2.40	20.00	
90	2 to 3 feet.....	2.90	25.00	
170	3 to 4 feet.....	4.50	40.00	

**Villosa, Late Lilac. 8-10 ft.**

Bushy, compact grower. Large, attractive leaves, pale pink flowers,

120	2 to 3 feet.....	2.90	25.00	
-----	------------------	------	-------	--

PHILADELPHUS, Mockorange (*Syringa*)**Banniere. 8 ft.**

New, early, semi-double, pure white. Blooms freely.

50	12 to 18 inches.....	1.80	15.00	
160	18 to 24 inches.....	2.40	20.00	
150	2 to 3 feet.....	2.90	25.00	

**Coronarius, Sweet Mockorange (Garland Syringa). 8-10 ft.**

A popular well known, hardy shrub. White, fragrant flowers in May-June.

620	12 to 18 inches.....	.95	8.00	
300	18 to 24 inches.....	1.70	14.00	
700	2 to 3 feet.....	2.10	18.00	
350	3 to 4 feet.....	2.50	22.00	200.00
400	4 to 5 feet.....	3.20	28.00	

**Lemoinei, Lemoine Mockorange. 4-5 ft.**

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

150	12 to 18 inches.....	1.20	10.00	
1000	18 to 24 inches.....	1.90	16.00	140.00
1000	2 to 3 feet.....	2.40	20.00	180.00
80	3 to 3½ feet.....	2.90	25.00	

**Virginal. 7-8 ft.**

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season, beginning in May.

2200	18 to 24 inches.....	2.90	25.00	
------	----------------------	------	-------	--

## ORNAMENTAL SHRUBS—Continued

**PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.**

Very hardy. White flowers in May-June, followed by attractive brownish-red pods.

		Per 10	Per 100	Per 1000
60	18 to 24 inches	\$1.40	\$12.00	\$
170	2 to 3 feet	1.90	16.00	
290	3 to 4 feet	2.40	20.00	
90	4 to 5 feet	2.90	25.00	

**Goldleaf Ninebark (Spirea aureus). 8-10 ft.**

Golden leaved variety producing white flowers in May-June.

140	12 to 18 inches	.95	8.00	
180	2 to 3 feet	1.90	16.00	
340	3 to 4 feet	2.40	20.00	
320	4 to 5 feet	2.90	25.00	

**Opulifolius Nana, Dwarf Ninebark. 4-5 ft.**

Dwarf form, dense grower. Very attractive foliage and flowers, May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

70	2 to 3 feet	2.10	18.00	
200	3 to 4 feet	2.50	22.00	
300	4 to 5 feet	3.20	28.00	

**PRIVET—Ligustrum****Amoor North, amurense. 12-15 ft.**

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

		Per 10	Per 100	Per 1000
2200	9 to 12 inches, branched	\$	\$ 4.50	\$ 35.00
1700	2 to 3 feet, 2 and 3 canes		8.50	75.00
1600	2 to 3 feet, 4 canes and up		12.00	100.00
1500	4 to 5 feet, heavy		18.00	150.00

**California, ovalifolium. 12-15 ft.**

An attractive, popular hedge plant where hardy.

2600	9 to 12 inches		3.50	30.00
1800	12 to 18 inches, 3 canes and up		5.00	40.00
2200	18 to 24 inches, 2 canes		5.00	40.00
1200	2 to 3 feet, 3 canes		7.50	65.00

**European, vulgare. 10-12 ft.**

Dark green foliage, creamy white flowers. June-July. Blue-black berries.

2100	2 to 3 feet		12.00	100.00
580	3 to 4 feet		15.00	

**Ibollum, Hardy California. 8-10 ft.**

Upright, vigorous, with foliage similar to California but much hardier.

2100	12 to 18 inches, 3 canes and up		5.00	45.00
1100	18 to 24 inches, 3 canes and up		7.00	60.00
1400	2 to 3 feet, 4 canes and up		8.50	75.00
1200	3 to 4 feet, 4 canes and up		12.00	100.00

**Regal. 6-8 ft.**

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

620	12 to 18 inches		12.00	100.00
350	18 to 24 inches		21.00	180.00
1100	2 to 2½ feet		28.00	250.00
630	2½ to 3 feet		40.00	350.00
820	3 to 3½ feet		45.00	



## ORNAMENTAL SHRUBS—Continued

**PRUNUS, Ornamental Plums.** (See Deciduous Trees.)

**PURPLE FRINGE.** (See Rhus.)

**RHODOTYPOS kerrioides, Jethead (White Kerria).** 4-5 ft.

Distinct shrub. Bright green foliage. Single white flowers, April-May. Black shiny fruit in autumn and winter.

		Per 10	Per 100	Per 1000
170	12 to 18 inches	\$1.90	\$16.00	\$
70	18 to 24 inches	2.50	22.00	
340	2 to 3 feet	3.20	28.00	
150	3 to 4 feet	4.00	35.00	

**RHUS canadensis, Fragrant Sumac. (Aromatic).** 5-6 ft.

Aromatic shrub. Small yellowish flowers, April-May followed by red berries.

550	12 to 18 inches	1.80	15.00	
1500	18 to 24 inches	2.40	20.00	180.00
2100	2 to 3 feet	2.90	25.00	220.00
30	3 to 4 feet	3.70	32.00	

**copallina, Shining Sumac, 12-14 ft.**

Attractive foliage with striking coloring in Autumn. Showy, crimson fruits.

50	18 to 24 inches	2.90	25.00	
170	2 to 3 feet	4.00	35.00	
90	3 to 4 feet	4.50	40.00	

**Cotinus (Purple Fringe).** 10-15 ft.

Rapid grower producing masses of filmy, smoky panicles of flowers July-August, making a fine specimen.

40	3 to 4 feet	5.50	50.00	
100	4 to 5 feet	6.50	60.00	

**Glabra, Smooth Sumac. 6-10 ft.**

Of dwarfish habit, producing bunches of crimson berries, August-September.

60	12 to 18 inches	.90	8.00	
190	18 to 24 inches	1.40	12.00	
380	2 to 3 feet	2.10	18.00	

**Shredded or Fern-Leaved Sumac, typhina laciniata. 10-12 ft.**

Rapid grower, attractive, long feathery leaves finely cut.

90	18 to 24 inches	2.10	18.00	
90	2 to 3 feet	2.50	22.00	
80	3 to 4 feet	3.20	28.00	

**Trilobata, Skunk bush. 5-6 ft.**

Strongly-scented, dwarf shrub; greenish flowers in clustered spikes followed by red, hairy fruit.

30	12 to 18 inches	1.50		
100	18 to 24 inches	2.10	18.00	
30	2 to 3 feet	2.50		

**Typhina, Staghorn Sumac. 15-25 ft.**

Greenish flowers in dense terminal panicles, clusters of crimson berries.

40	18 to 24 inches	1.40	12.00	
120	2 to 3 feet	1.90	16.00	
180	3 to 4 feet	2.50	22.00	
140	4 to 5 feet	3.50	30.00	

## ORNAMENTAL SHRUBS—Continued

**RIBES alpinum, Mountain Currant. 6-8 ft.**

A hardy, dense shrub suitable for hedges or mass planting. Small greenish flowers, April-May. Scarlet fruit.

		Per 10	Per 100	Per 1000
50	12 to 15 inches	\$1.70	\$14.00	\$
400	15 to 18 inches	2.10	18.00	
1200	18 to 24 inches	2.50	22.00	200.00
600	2 to 2½ feet	3.20	28.00	250.00
60	2½ to 3 feet	4.00	35.00	

**Odoratum, Golden Currant (Aureum). 6-8 ft.**

Rapid, upright grower producing fragrant yellow flowers in April-May.

70	12 to 18 inches	1.20	10.00	
140	18 to 24 inches	1.70	14.00	
250	2 to 3 feet	2.10	18.00	
150	3 to 4 feet	2.90	25.00	

**SALIX purpurea, dwarf blue-leaf Arctic Willow. 3-4 ft.**

Charming low growing Willow; suited for hedges and borders. Hardy.

600	15 to 18 inches	2.10	18.00	
550	18 to 24 inches	2.50	22.00	
130	2 to 2½ feet	3.20	28.00	

**SNOWBALL. (See Viburnum)****SORBARIA, sorbifolia, Ural False Spirea. 5-6 ft.**

Leaves out very early in the spring, showing very attractive foliage, followed with large, fluffy heads of white flowers, June-July.

100	18 to 24 inches	1.40	12.00	
300	2 to 3 feet	1.90	16.00	
190	3 to 4 feet	2.50	22.00	

**SPIREA, Anthony Waterer. 3-4 ft.**

A valuable dwarf shrub, bright red flowers, June-September.

1000	15 to 18 inches	2.10	18.00	160.00
2600	18 to 24 inches	2.40	20.00	180.00
1400	2 to 2½ feet	2.90	25.00	220.00

**Arguta, Garland Spirea. 5-6 ft.**

Upright, hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

300	12 to 18 inches	1.10	9.00	
190	18 to 24 inches	1.40	12.00	100.00
300	2 to 3 feet	1.90	16.00	140.00
400	3 to 3½ feet	2.40	20.00	180.00

**Billiard Spirea, billiardi. 5-6 ft.**

Bright pink flowers in spikes, July-September.

650	12 to 18 inches	1.10	9.00	80.00
300	18 to 24 inches	1.70	14.00	
250	2 to 3 feet	2.10	18.00	

**Froebel Spirea. 4 ft.**

Vigorous, spreading grower. Bright pink flowers, May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

1000	9 to 12 inches	.95	8.00	70.00
1200	12 to 18 inches	1.20	10.00	90.00
1900	18 to 24 inches	1.70	14.00	120.00
1250	2 to 2½ feet	2.10	18.00	160.00
1600	2½ to 3 feet	2.40	20.00	180.00



## ORNAMENTAL SHRUBS—Continued

## SPIREA—Continued

Japanese White, *japonica ovalifolia* (*callosa alba*). 3 ft.

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

		Per 10	Per 100	Per 1000
270	9 to 12 inches.....	\$1.70	\$14.00	\$.....
600	12 to 15 inches.....	2.10	18.00	.....
800	15 to 18 inches.....	2.50	22.00	.....
100	18 to 24 inches.....	3.50	30.00	.....

Korean, *trichocarpa*. 5 ft.

New hardy Spirea. Similar to Van Houtte; blooms a little later and the flowers are larger.

100	18 to 24 inches.....	1.40	12.00	.....
250	2 to 3 feet.....	1.90	16.00	.....
200	3 to 4 feet.....	2.40	20.00	.....

Opulifolius, Ninebark. (See *Physocarpus*.)

## Prunifolia, Double Bridalwreath. 5-6 ft.

Small plum-like, double white flowers blooming profusely. Hardy.

80	2 to 3 feet.....	2.90	25.00	.....
80	3 to 4 feet.....	4.00	35.00	.....

Sorbifolia. (See *Sorbaria*.)Thunberg Spirea, *thunbergi*. 3-4 ft.

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers, April.

300	18 to 24 inches.....	2.10	18.00	160.00
250	2 to 2½ feet.....	2.40	20.00	180.00
100	2½ to 3 feet.....	2.90	25.00	.....

## Vanhoutte Spirea. 5-6 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

400	18 to 24 inches.....	1.20	10.00	.....
6000	2 to 3 feet.....	1.70	14.00	120.00
4500	3 to 4 feet.....	2.10	18.00	160.00
1750	4 to 5 feet.....	2.50	22.00	.....

## SYMPHORICARPOS, Snowberry

## Chenaulti, Improved Coral Berry. 6-8 ft.

New, very small leaves; graceful arching branches; pink flowers, red fruit.

250	18 to 24 inches.....	1.20	10.00	.....
1000	2 to 3 feet.....	1.70	14.00	120.00
170	3 to 3½ feet.....	2.10	18.00	.....

## Racemosus, Common Snowberry. 6-7 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

800	12 to 18 inches.....	.70	6.00	.....
1160	18 to 24 inches.....	1.10	9.00	80.00

## Vulgaris, Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

800	12 to 18 inches.....	.70	6.00	.....
1900	18 to 24 inches.....	1.10	9.00	80.00
2400	2 to 3 feet.....	1.70	14.00	120.00
300	3 to 3½ feet.....	2.10	18.00	.....

## ORNAMENTAL SHRUBS—Continued

## SUMAC (See Rhus)

## TAMARIX

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$0.95	\$ 8.00	\$ ----
18 to 24 inches.....	1.40	12.00	-----
2 to 3 feet.....	1.90	16.00	-----
3 to 4 feet.....	2.40	20.00	-----

## SILVER FOLIAGE VARIETIES

	3/4	2/3	18/24	12/18
Amurensis .....	20	180	180	30
Hispida .....	540	1250	250	----
Odessana .....	15	400	350	400

## GREEN FOLIAGE VARIETIES

	3/4	2/3	18/24	12/18
Africana .....	40	110	140	90
Gallica Indica .....	---	60	60	20
Tetandra purpurea .....	80	220	110	110

## VIBURNUM, americanum, American Cranberrybush. 8-12 ft.

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.

	Per 10	Per 100	Per 1000
470 12 to 18 inches.....	\$2.10	\$18.00	\$ ----
550 18 to 24 inches.....	2.90	25.00	-----
220 2 to 3 feet.....	3.50	30.00	-----
35 3 to 4 feet.....	4.50	----	-----

## Dentatum, Arrowwood. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

900 12 to 18 inches.....	1.40	12.00	100.00
500 18 to 24 inches.....	2.10	18.00	160.00
1000 2 to 3 feet.....	2.50	22.00	200.00
1100 3 to 4 feet.....	3.50	30.00	280.00
250 4 to 5 feet.....	4.00	35.00	-----

## Lantana, Wayfaring Tree. 10-15 ft.

Upright. Attractive deep green leaves, single white flowers, May. Bright red fruit changing to black.

100 18 to 24 inches.....	2.10	18.00	-----
320 2 to 3 feet.....	2.50	22.00	200.00
580 3 to 4 feet.....	3.50	30.00	280.00
190 4 to 5 feet.....	4.00	35.00	-----

## Lentago, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

140 12 to 18 inches.....	1.70	14.00	-----
250 18 to 24 inches.....	2.10	18.00	-----
900 2 to 3 feet.....	2.70	24.00	220.00
900 3 to 4 feet.....	3.50	30.00	280.00
130 4 to 5 feet.....	4.50	40.00	-----

## Molle, Kentucky Viburnum. 8-10 ft.

Similar to Dentatum. Of slower growth and more attractive foliage. Single white flowers, April-May. Blue-black fruit.

50 18 to 24 inches.....	2.10	18.00	-----
150 2 to 3 feet.....	2.50	22.00	200.00
460 3 to 4 feet.....	3.50	30.00	280.00
230 4 to 5 feet.....	4.00	35.00	-----

## ORNAMENTAL SHRUBS—Continued

## VIBURNUM—Continued

**Opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.**

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

		Per 10	Per 100	Per 1000
200	12 to 18 inches.....	\$2.10	\$18.00	\$.....
1400	18 to 24 inches.....	2.50	22.00	200.00
875	2 to 3 feet.....	3.20	28.00	250.00
1100	3 to 4 feet.....	3.80	33.00	300.00
130	4 to 5 feet.....	5.00	45.00	.....

**Opulus Sterilis, Common Snowball. 10-12 ft.**

Popular shrub. Blooms profusely. Large double white flowers. April-May.

1000	12 to 18 inches.....	2.10	18.00	160.00
300	18 to 24 inches.....	2.50	22.00	.....
250	2 to 3 feet.....	3.20	28.00	.....
350	3 to 4 feet.....	3.80	33.00	300.00
60	4 to 5 feet.....	4.50	40.00	.....

**Prunifolium, Blackhaw. 10-12 ft.**

Pure white flowers followed by blue-black berries. April-June.

170	2 to 3 feet.....	4.00	35.00	.....
300	3 to 4 feet.....	5.00	45.00	.....
15	4 to 5 feet.....	6.00	.....	.....

**Pubescens, Downy Viburnum. 3-6 ft.**

Dwarf grower with greenish white flowers followed by black fruit.

130	12 to 18 inches.....	2.10	18.00	.....
100	18 to 24 inches.....	2.90	25.00	.....

**WEIGELA, Eva Rathke, Red Flowered Weigela. 4-5 ft.**

Blooms profusely, producing brilliant crimson flowers. May-June.

800	9 to 12 inches.....	1.20	10.00	.....
1000	12 to 18 inches.....	1.80	15.00	.....
950	18 to 24 inches.....	2.50	22.00	.....

**Rosea, Pink Weigela. 6-8 ft.**

Popular shrub with beautiful showy pink flowers, May-June.

900	12 to 18 inches.....	1.20	10.00	.....
150	18 to 24 inches.....	1.90	16.00	.....
200	2 to 3 feet.....	2.40	20.00	.....
220	3 to 4 feet.....	2.90	25.00	.....

## HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

**BARBERRY, thunbergi, Japanese Barberry.**

		Per 100	Per 1000
12000	9 to 12 inches, 2 year seedlings, branched.....	\$ 2.50	\$ 22.00
8000	12 to 18 inches, 2 year seedlings, branched.....	3.50	30.00
8000	18 to 24 inches, 2 year seedlings, branched.....	6.00	50.00
10000	6 to 12 inches, 1 year.....	1.70	14.00
700	9 to 12 inches, transplanted, 2 year branched.....	6.00	50.00
2200	12 to 15 inches, transplanted, 2 year branched, bushy.....	12.00	100.00



## ORNAMENTAL SHRUBS—Continued

## BARBERRY—Continued

## Red Leaved, atropurpurea.

		Per 100	Per 1000
3000	9 to 12 inches, 2 year seedlings, branched	\$ 5.50	\$ 50.00
5000	12 to 15 inches, 2 year seedlings, branched	7.00	65.00
5000	15 to 18 inches, 2 year seedlings, branched	9.00	80.00

## CARAGANA arborescens, Siberian Peatree.

5000	6 to 12 inches, seedlings	.90	8.00
600	12 to 18 inches, seedlings	1.20	10.00
240	18 to 24 inches, seedlings	1.70	14.00
100	2 to 3 feet, seedlings	2.10	18.00

## HONEYSUCKLE, Lonicera, upright hardy varieties.

## Tatarian, Pink, Red, White.

500	12 to 18 inches	5.60	50.00
500	18 to 24 inches	8.00	70.00

## MULBERRY, RUSSIAN. (See Deciduous Tree Seedlings).

## PRIVET. ( See Shrubs.)

## VINES

Tied, 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle

## AMPELOPSIS, Boston Ivy, tricuspidata (Veitchi). 40-50 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side.

		Per 10	Per 100	Per 1000
150	2 year Medium	\$2.40	\$20.00	\$
1200	2 year No. 1	2.90	25.00	-----
2100	3 year No. 1	3.50	30.00	-----

## Engelmann Creeper, engelmanni. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

1000	2 year Medium	1.40	12.00	100.00
1250	2 year No. 1	1.90	16.00	140.00
600	3 year No. 1	2.10	18.00	-----

## Virginia Creeper, quinquefolia. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

1100	2 year Medium	1.40	12.00	-----
2400	2 year No. 1	1.90	16.00	140.00
1400	3 year No. 1	2.10	18.00	-----

## ARISTO tomentosa, Pipe Vine. 20-35 ft.

Flowers yellow, leaves much smaller than a Siphon.

100	2 year Medium	1.20	10.00	-----
-----	---------------	------	-------	-------

## BIGNONIA, radicans, Trumpet Vine. 20-30 ft.

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

250	2 year No. 1	1.40	12.00	-----
450	3 year No. 1	1.80	15.00	-----

## CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

100	2 year Medium	1.40	12.00	-----
250	2 year No. 1	1.90	16.00	-----
340	3 year No. 1	2.40	20.00	-----

## VINES—Continued

## CELASTRUS—Continued

**Scandens, American Bittersweet. 20-25 ft.**

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

		Per 10	Per 100	Per 1000
400	2 year Medium	\$1.40	\$12.00	\$100.00
1000	2 year No. 1	1.90	16.00	
1500	3 year No. 1	2.40	20.00	

**CLEMATIS, Large Flowering. 10-15 ft.**

Popular hybrids on account of the beautiful purple, red and white flowers.

3 inch pots, staked with 24 inch tops	3.20	28.00	
2 year Medium, dormant	3.50	30.00	
2 year No. 1, dormant	4.50	40.00	

	3-inch pots	2-Yr. Med.	2 Yr. No. 1
Henryi, white	100	160	100
Jackmani, purple	320	260	280
Mme. Edouard Andre, red	110	180	140
Ramona, light blue	120	110	180



A truly large-flowering Red Clematis of the Jackmanni type. More and larger blooms on vines of unusual vigor. Color plates, folders, etc., will be ready soon. A "Leader" for catalogues, agents and all other outlets.

Wholesale Prices		Retail Resale Prices	
Per 10	Per 100	Each	Per 12
\$8.50	\$75.00	\$1.50	\$15.00

**Crispa, Curly Clematis. 3-4 ft.**

A slender vine with purplish flowers. Fragrant.

	Per 10	Per 100	Per 1000
120 2 year No. 1	\$1.70	\$14.00	\$

**Paniculata, Sweet Autumn Clematis. 20-30 ft.**

A valuable climber literally covered with white fragrant flowers in September.

150 2 year Medium	2.90	25.00	
250 2 year No. 1	3.50	30.00	

**Texensis, Scarlet Clematis (coccinea). 5-6 ft.**

Large, bell shaped scarlet flowers. Attractive foliage.

130 2 year No. 1	1.80	15.00	
------------------	------	-------	--

## EUONYMUS

**Radicans Colorata, Redleaved Wintercreeper.**

Almost evergreen. Long, narrow leaves of deep green, tinged purple; highly colored in fall and early winter.

200 2 year Medium	2.40	20.00	
250 2 year No. 1	2.90	25.00	
300 3 year No. 1	3.50	30.00	

**Radicans Vegetus, Bigleaf Wintercreeper. 3-6 ft.**

Evergreen. Dark green, thick leaves, producing bright scarlet berries.

200 2 year Medium	3.50	30.00	
300 2 year No. 1	4.50	40.00	
100 3 year No. 1	5.00	45.00	

**HEDERA helix, English Ivy.**

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

750 2½ inch pot plants	1.20	10.00	
------------------------	------	-------	--

## VINES—Continued

**HONEYSUCKLE, *Lonicera*.****Gold Flame. 15 ft.**

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.

		Per 10	Per 100	Per 1000
300	2 year No. 1	\$3.50	\$30.00	\$250.00

**Hall's Japan, *japonica halleana*. 20-25 ft.**

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.

400	3 year No. 1	1.90	16.00	-----
-----	--------------	------	-------	-------

**Häckrott, (Summer King) 15 ft.**

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy.

220	2 year Medium	2.10	18.00	-----
-----	---------------	------	-------	-------

400	2 year No. 1	2.50	22.00	-----
-----	--------------	------	-------	-------

**Scarlet Trumpet Honeysuckle, *sempervirens*. 20-30 ft.**

Upright grower. Dark green foliage. Long tubular scarlet flowers.

130	2 year Medium	1.40	12.00	-----
-----	---------------	------	-------	-------

100	2 year No. 1	1.90	16.00	-----
-----	--------------	------	-------	-------

**POLYGONUM auberti, China Fleecevine. 25-30 ft.**

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.

1800	2 year Medium	2.40	20.00	-----
------	---------------	------	-------	-------

1780	2 year No. 1	2.90	25.00	-----
------	--------------	------	-------	-------

**WISTERIA, *American frutescens*. 20-25 ft.**

Tall, vigorous climber. Lilac purple flowers, June-July.

400	2 year Medium, grown from blooming wood	1.70	14.00	120.00
-----	---	------	-------	--------

1200	2 year No. 1, grown from blooming wood	2.10	18.00	150.00
------	--	------	-------	--------

600	3 year No. 1, grown from blooming wood	2.50	22.00	200.00
-----	--	------	-------	--------

**Chinese Blue or White. 30-40 ft.**

Long clusters showy flowers in May.

	2 year Medium, grafts	2.40	20.00	-----
--	-----------------------	------	-------	-------

	2 year No. 1, " "	2.90	25.00	-----
--	-------------------	------	-------	-------

	3 year No. 1, " "	3.50	30.00	-----
--	-------------------	------	-------	-------

	2 Yr.	2 Yr.	2 Yr.
--	-------	-------	-------

	Med.	No. 1	No. 3
--	------	-------	-------

Blue	380	370	70
------	-----	-----	----

White	470	300	40
-------	-----	-----	----

**Multijuga, Long Clusters Wisteria, Blue. 40-50 ft.**

Strong grower, deep blue. May. Extra long clusters, sometimes two or three feet. Valuable.

180	2 year Medium, grafts	1.80	15.00	-----
-----	-----------------------	------	-------	-------

300	2 year No. 1, " "	2.40	20.00	-----
-----	-------------------	------	-------	-------

170	3 year No. 1, " "	2.90	25.00	-----
-----	-------------------	------	-------	-------



## EVERGREENS

Prices are for Evergreens Securely Balled and Burlapped.

Can dig Evergreens, roots puddled at the following reduction in price:  
12 to 18 inches at 15¢. 18 to 24 inches at 20¢. 2 to 3 feet at 25¢.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 10% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

We cannot assume responsibility for the successful transplanting of Evergreens, as weather conditions, method of handling and care govern results secured and are sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

### ARBOR VITAE, Thuja

#### Occidentalis Pyramidalis, American Pyramidal. 20-30 ft.

Broad at base, tapering to the top. Straight narrow columnar shape. Splendid for accents or formal plantings. Bright green the year around.

		Per 10	Per 100
100	18 to 24 inches	\$11.00	\$100.00
90	2 to 2½ feet	14.00	125.00
40	2½ to 3 feet	16.50	

#### Occidentalis Woodwardi, Woodward's Globe. 2½-3 ft.

Forms a natural globe up to three feet in diameter. Foliage softer and slightly darker than other varieties. Of compact, even, regular shape.

80	12 x 12 inches	8.00	75.00
35	15 x 15 inches	11.00	
15	18 x 18 inches	12.50	

### FIR, Abies

#### PSEUDOTSUGA DOUGLASI, Douglas Fir. 70-80 ft.

A Colorado specie of rapid growth. Makes a large symmetrical tree. Foliage bluish-green. Very drought resisting and may be planted in dry soils where others cannot survive.

90	2 to 3 feet	14.00	125.00
50	3 to 4 feet	22.50	
30	4 to 5 feet	30.00	

### JUNIPER, Juniperus

#### CHINENSIS COLUMNARIS GLAUCA, Blue Columnar Chinese Juniper. 20-25 ft.

Very rapid growing Evergreen. Forms a tall narrow column of blue foliage. Spire-like effect.

10	2½ to 3 feet	17.50	
35	3 to 3½ feet	22.50	
40	3½ to 4 feet	30.00	
20	4 to 4½ feet	35.00	
15	4½ to 5 feet	40.00	
15	5 to 6 feet	45.00	

#### CHINENSIS PFITZERIANA, Pfitzer Juniper, 5-6 ft.

Handsome gray green foliage. A valuable hardy variety succeeding almost everywhere.

600	15 to 18 inches	14.00	125.00
1100	18 to 24 inches	16.50	150.00
750	2 to 2½ feet	22.00	200.00
400	2½ to 3 feet	27.50	250.00
350	3 to 3½ feet	32.50	300.00
350	3½ to 4 feet	37.50	350.00
50	4 to 5 feet	45.00	425.00
30	5 to 6 feet	55.00	
20	2½ to 3 feet, Staked Upright, Heavy	32.50	
80	3 to 3½ feet, " " "	40.00	375.00
100	3½ to 4 feet, " " "	45.00	425.00

## EVERGREENS—Continued

## JUNIPER—Continued

**CHINENSIS PFITZERIANA COMPACTA, Compact Pfitzer Juniper.**

A compact form of the well known Pfitzer Juniper. This new variety remains bushy and compact.

	Per 10	Per 100
20 2 to 2½ feet.....	\$25.00	\$ .....
20 2½ to 3 feet.....	30.00	.....

**COMMUNIS ASHFORDI, Ashford Juniper. 10 ft.**

Of open loose growth, branched at groundline. Short needles of silvery grayish green deepening into purple shades during winter.

70 15 x 15 inches.....	14.00	125.00
250 18 x 18 inches.....	17.50	160.00
90 24 x 24 inches.....	22.50	200.00

**COMMUNIS CANADENSIS, Canada Juniper. 2½-3 ft.**

Low, vase shaped habit of growth. Bright green foliage, light blue berries.

45 2½ to 3 feet.....	22.50	.....
50 3 to 3½ feet.....	26.50	.....
70 3½ to 4 feet.....	30.00	.....

**COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.**

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in autumn.

110 15 to 18 inches.....	12.50	115.00
250 18 to 24 inches.....	15.00	135.00
200 2 to 2½ feet.....	20.00	175.00
120 2½ to 3 feet.....	22.50	200.00
50 3 to 3½ feet.....	25.00	225.00

**COMMUNIS HIBERNICA, Irish Juniper. 7-8 ft.**

Foliage glaucous green. An old, well known popular variety.

550 18 to 24 inches.....	8.00	75.00
800 2 to 3 feet.....	11.00	100.00
320 3 to 4 feet.....	16.50	150.00
80 4 to 5 feet.....	22.50	200.00

**PROCUMBENS, Creeping Chinese Juniper.**

The best of creepers. Foliage bright bluish cast. Will grow anywhere.

90 2 to 2½ feet.....	22.50	200.00
65 2½ to 3 feet.....	25.00	.....

**PROSTRATE**

These superior low, dense growing strains of Prostrate Juniper are the best we have ever seen. Of Rocky Mountain origin, extremely hardy and very desirable for bank and ground covering. Color varying from green to silver. 6 to 8 inches in height.

2 to 2½ feet.....	20.00	175.00
2½ to 3 feet.....	22.50	200.00

Admirabilis  
Adpressus

Eximus

Planifolius  
Subglaucus

**SABINA, Savin Juniper. 3-4 ft.**

Spreading form with slender branches and dark green leaves. Excellent for foundation work and for underplanting.

250 15 to 18 inches.....	12.50	115.00
1700 18 to 24 inches.....	16.50	150.00
800 2 to 2½ feet.....	20.00	185.00
400 2½ to 3 feet.....	25.00	225.00
14 3 to 3½ feet.....	28.50	260.00

## EVERGREENS—Continued

## JUNIPER—Continued

**SABINA HORIZONTALIS, Creeping Savin. 6-8 ft.**

Trailing stems and upright spreading branches. Dark green foliage.

		Per 10	Per 100
40	18 to 24 inches .....	\$13.50	\$ .....
60	2 to 2½ feet .....	16.00	.....
20	2½ to 3 feet .....	20.00	.....
20	3 to 3½ feet .....	25.00	.....
25	3½ to 4 feet .....	30.00	.....

**SABINA TAMARISCIFOLIA, Tamarix Savin Juniper. 18-24 inches.**

Dwarf spreading habit. Foliage silvery green with soft texture.

30	2½ to 3 feet .....	30.00	.....
----	--------------------	-------	-------

**SCOPULORUM, Colorado Silver Juniper. 25-30 ft.**

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather when the color is brightest. Very hardy.

450	18 to 24 inches .....	15.00	135.00
600	2 to 2½ feet .....	17.50	160.00
600	2½ to 3 feet .....	21.00	190.00
650	3 to 3½ feet .....	25.00	225.00
900	3½ to 4 feet .....	28.50	260.00
560	4 to 4½ feet .....	32.50	300.00
390	4½ to 5 feet .....	40.00	375.00
200	5 to 6 feet .....	46.00	435.00
50	6 to 8 feet .....	55.00	.....
220	12 x 12 inches, Globe Sheared .....	13.50	125.00
200	15 x 15 inches, " " .....	16.00	150.00
90	18 x 18 inches, " " .....	22.00	200.00

**SCOPULORUM, Montana Silver Juniper. 25-30 ft.**

Dull, pointed leaves, whipcord-like foliage, silver-blue to green. More pyramidal habit of growth than Colorado type.

300	18 to 24 inches .....	15.00	135.00
420	2 to 2½ feet .....	17.50	160.00
150	2½ to 3 feet .....	21.00	190.00
70	3 to 3½ feet .....	25.00	225.00
80	12 x 12 inches, Globe Sheared .....	13.50	125.00
50	15 x 15 inches, Globe Sheared .....	16.00	150.00

**SCOPULORUM FULGENS. 20-30 ft.**

Upright pyramidal habit of growth with bluish-green foliage, more silver at tips.

30	3½ to 4 feet .....	37.50	.....
20	4 to 4½ feet .....	42.50	.....

**SCOPULORUM FUNALIS. 20-30 ft.**

Pyramidal habit of growth with bluish-green, whipcord foliage, slightly silver tinged in winter.

35	2½ to 3 feet .....	27.50	.....
50	3 to 3½ feet .....	32.50	.....
70	3½ to 4 feet .....	37.50	.....
40	4 to 4½ feet .....	42.50	.....
20	4½ to 5 feet .....	47.50	.....

**SCOPULORUM MOFFETI. 20-30 ft.**

Pyramidal habit of growth with mixed green and silver foliage, more silver on tips of branches.

85	2½ to 3 feet .....	27.50	250.00
40	3 to 3½ feet .....	32.50	.....



## EVERGREENS—Continued

## JUNIPER—Continued

## SCOPULORUM PATHFINDER

A bluish-silver type of Scopulorum with very pyramidal habit of growth and with Arbor Vitae-like flat foliage. This variety is increasing rapidly in popularity.

		Per 10	Per 100
100	2 to 2½ feet	\$22.50	\$
300	2½ to 3 feet	27.50	250.00
300	3 to 3½ feet	32.50	300.00
200	3½ to 4 feet	37.50	350.00
50	4 to 4½ feet	42.50	400.00
25	4½ to 5 feet	47.50	

## SCOPULORUM SILVER BEAUTY. 20-30 ft.

Pyramidal habit of growth, full at base, with greenish silver foliage, more silver on tips of branches.

50	2½ to 3 feet	27.50	
80	3 to 3½ feet	32.50	300.00
50	3½ to 4 feet	37.50	350.00
15	4 to 4½ feet	42.50	

## SCOPULORUM WEIRL. 18-25 ft.

Pyramidal habit of growth, full at base with foliage true blue in color.

10	4½ to 5 feet	47.50	
15	5 to 6 feet	52.25	
15	6 to 8 feet	60.00	

## SCOPULORUM WELCH. 20-30 ft.

Grafted columnar type Scopulorum with greenish-silver foliage. Pyramidal habit of growth retained without shearing.

80	2½ to 3 feet	30.00	275.00
70	3 to 3½ feet	32.50	
20	3½ to 4 feet	37.50	
10	4 to 4½ feet	42.50	

## VIRGINIANA, Red Cedar. 30-40 ft.

Platte River Strain. Upright growth, deep green foliage, sometimes silver. Excellent pyramidal tree if kept sheared. Can be sheared into any form.

580	18 to 24 inches	10.00	90.00
2200	2 to 3 feet	14.00	125.00
1100	3 to 3½ feet	16.50	150.00
800	3½ to 4 feet	20.00	185.00
500	4 to 5 feet	26.00	235.00
300	5 to 6 feet	37.50	350.00
200	6 to 8 feet	50.00	475.00
250	12 x 12 inches, Globe Sheared	12.50	110.00
250	15 x 15 " " "	16.00	135.00
200	18 x 18 " " "	18.00	165.00
90	24 x 24 " " "	22.50	200.00

## VIRGINIANA BLUE RAPIDS. 30-40 ft.

Pyramidal growing Juniper carrying blue-green foliage retaining its good color throughout the fall and winter. Hardy.

15	3½ to 4 feet	35.00	
50	4 to 4½ feet	40.00	
30	4½ to 5 feet	45.00	
30	5 to 6 feet	55.00	
10	6 to 8 feet	65.00	

## VIRGINIANA BURKI, Burk's Juniper. 10-12 ft.

Distinct blue, forming a dense column. Winter coloring metallic purple.

90	2½ to 3 feet	25.00	
140	3 to 3½ feet	30.00	275.00
200	3½ to 4 feet	35.00	325.00
75	4 to 4½ feet	40.00	375.00
70	4½ to 5 feet	45.00	425.00
30	5 to 6 feet	50.00	

## EVERGREENS—Continued

## JUNIPER—Continued

## VIRGINIANA CANNARTI, Cannart Red Cedar

Foliage deep rich green. One of the best of the many grafted varieties.		
	Per 10	Per 100
160 2½ to 3 feet	\$27.50	\$250.00
190 3 to 3½ feet	32.50	300.00
250 3½ to 4 feet	37.50	350.00
190 4 to 4½ feet	42.50	400.00
50 4½ to 5 feet	47.50	-----

## VIRGINIANA ELEGANTISSIMA LEE, Gold Tip Red Cedar. 12-15 ft.

Dark green foliage. Golden tipped in autumn.

25 2½ to 3 feet, sheared upright	25.00	-----
25 3 to 3½ feet, sheared upright	30.00	-----
20 3½ to 4 feet, sheared upright	35.00	-----

## VIRGINIANA GLAUCA, Silver Red Cedar. 15-20 ft.

Of striking blue color all season. Growth rapid.

140 2 to 2½ feet	22.50	200.00
160 2½ to 3 feet	27.50	250.00
70 3 to 3½ feet	32.50	300.00
120 3½ to 4 feet	37.50	350.00
20 4 to 4½ feet	40.00	-----

## VIRGINIANA PYRAMIDALIS, Pyramidal Red Cedar. 20-25 ft.

Green foliage, narrow columnar habit of growth. An attractive Evergreen.

100 3 to 3½ feet	32.50	300.00
35 3½ to 4 feet	35.00	-----
10 4 to 4½ feet	40.00	-----
10 5 to 6 feet	50.00	-----

## VIRGINIANA PYRAMIDIFORMIS, Dundee Juniper. 15-20 ft.

The gray-blue color of this narrow pyramidal Juniper changes to purple during fall and winter.

10 5 to 6 feet	50.00	-----
----------------	-------	-------

## PINE, Pinus

## MONTANA MUGHUS, Mugho Pine. 3-4 ft.

Deep green in summer and winter. Free from insects and pests and will grow in almost any location.

220 12 to 15 inches	14.00	125.00
580 15 to 18 inches	18.00	165.00
460 18 to 24 inches	22.50	200.00
50 2 to 2½ feet	27.50	250.00

## NIGRA, Austrian Pine. 60-70 ft.

Deep rich green color. Growth close and compact. Coal gas and smoky atmospheres have very little effect on its growth.

100 18 to 24 inches	12.50	110.00
300 2 to 3 feet	16.50	150.00
250 3 to 4 feet	25.00	225.00
220 4 to 5 feet	35.00	300.00
110 5 to 6 feet	40.00	375.00

## PONDEROSA, Western Yellow Pine, Bull Pine. 50-100 ft.

Extra long, dark green needles resembling Austrian Pine, but more rapid grower. Very hardy.

140 2 to 3 feet	16.50	150.00
70 3 to 4 feet	20.00	185.00

## SYLVESTRIS, Scotch Pine. 60-70 ft.

Light green in color. The rapidity of growth, great hardiness and the ease with which it may be grown on almost all soils has made this tree a favorite.

220 2 to 3 feet	14.00	125.00
250 3 to 4 feet	17.50	160.00
210 4 to 5 feet	22.50	200.00

## EVERGREENS—Continued

## SPRUCE, PICEA

## CANADENSIS, White Spruce. 60-80 ft.

Dense habit of growth with silvery green foliage. Beautiful hardy ornamental Spruce. Should be planted freely.

		Per 10	Per 100
190	18 to 24 inches	\$11.00	\$100.00
270	2 to 3 feet	15.00	135.00
120	3 to 4 feet	22.50	200.00
10	4 to 5 feet	25.00	-----

## CANADENSIS ALBERTIANA, Black Hills Spruce. 40-50 ft.

Hardest of all Spruces. Symmetrical, compact and bushy habit of growth. Foliage varies from green to bluish tint.

700	15 to 18 inches	10.00	85.00
2200	18 to 24 inches	13.50	115.00
1650	2 to 2½ feet	16.00	140.00
150	2½ to 3 feet	20.00	185.00

## EXCELSA, Norway Spruce. 70-80 ft.

Sharp, pointed needles, green in color. Used extensively for wind-breaks and general planting. Rapid growth.

800	18 to 24 inches	11.00	100.00
255	2 to 3 feet	15.00	135.00
120	3 to 4 feet	22.50	200.00

## PUNGENS GLAUCA MOERHEIMI, Moerheim Blue Spruce. 60-80 ft.

A symmetrical grafted type of Blue Spruce. Superior in color and compactness.

50	3½ to 4 feet	80.00	-----
----	--------------	-------	-------

## TAXUS, Yew

## CUSPIDATA, Spreading Japanese Yew. 5-6 ft.

Spreading form. Dark green needles. Valuable for foundation planting.

190	15 to 18 inches	22.50	200.00
100	18 to 24 inches	27.50	250.00
50	2 to 2½ feet	32.50	-----

## EVERGREENS FOR LINING OUT

The careful growing and handling of Evergreen Lining Out Stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results.

50 of any variety and size at the hundred rate  
500 of any variety and size at the thousand rate.

Key: TTT—Three times Transplanted  
TT—Two times Transplanted  
T—Once Transplanted

RP—Root Pruned  
S—Seedling

## OUR ROOT PRUNED STOCK WILL PLEASE YOU

## ABIES BALSAM (Balsam Fir)

Rapid grower. Color is dark green with lighter green on the underside. Each twig ends in a globule of balsam gum.

		Per 100	Per 1000
900	9 to 12 inches TTT	\$11.00	\$-----
150	12 to 15 inches TTT	14.00	-----
400	6 to 9 inches RP	5.50	-----
2500	4 to 6 inches RP	5.00	40.00



## EVERGREENS FOR LINING OUT—Continued

**ABIES CONCOLOR (Concolor Fir)**

Silvery toned foliage varying from sea-green to deep blue. Forms a compact, symmetrical tree.

		Per 100	Per 1000
150	12 to 18 inches TTT	\$16.00	\$ ----
350	9 to 12 inches TTT	13.00	110.00
450	9 to 12 inches T	10.00	---
1000	6 to 9 inches T	8.00	75.00

**ABIES DOUGLASI (Douglas Fir)**

Makes a large symmetrical tree. Foliage bluish green. Very drought resisting and may be planted in dry soils where others cannot survive.

1000	9 to 12 inches T	9.00	80.00
1000	9 to 12 inches RP	6.50	55.00
1500	6 to 9 inches T	7.00	60.00

**JUNIPER, Named Varieties, Field grown grafts 18 to 24 inches TTT 65.00**

" " " " " 12 to 18 inches TT 50.00

The following are evergreen grafts, on Juniper Virginiana understocks, that have been grown in the open field for one year. They are suitable for transplanting directly in the open field.

	18 to 24 in. TTT	12 to 18 in. TT
Juniper Scopulorum Funalis	200	200
Juniper Scopulorum Pathfinder	400	600
Juniper Scopulorum Silver Beauty	300	300
Juniper Scopulorum Silver Cord	183	---
Juniper Scopulorum Welchi	600	500

**JUNIPER CHINESE**

Columnar growing evergreen with foliage light green, slightly bluish in color. Often used as an understock for grafting junipers.

650	9 to 12 inches T	\$10.00	\$ 90.00
350	6 to 9 inches T	7.50	65.00
4000	9 to 12 inches, RP	7.50	65.00
4000	6 to 9 inches RP	6.00	50.00

**JUNIPER COMMUNIS DEPRESSA PLUMOSA (Andorra Juniper)**

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in Autumn.

60	12 to 15 inches TTT	20.00	---
600	9 to 12 inches TT	14.00	---
500	6 to 9 inches TT	12.00	---

**JUNIPER SCOPULORUM (Colorado Type)**

Silvery foliage and close symmetrical upright growth. Thrives in hot dry weather, when the color is the brightest. Very hardy.

600	15 to 18 inches TTT	20.00	180.00
1000	12 to 15 inches TTT	18.00	160.00
3000	12 to 15 inches TT	14.00	120.00
3500	9 to 12 inches TT	00.00	---
3500	6 to 9 inches TT	00.00	---
4000	9 to 12 inches T	7.00	60.00
4000	12 to 15 inches T	12.00	100.00
8000	12 to 15 inches RP	7.50	65.00
10000	9 to 12 inches RP	6.00	50.00

**EVERGREENS FOR LINING OUT—Continued****JUNIPER VIRGINIANA (Platte River Type)**

	Best Virginiana.	Per 100	Per 1000
2200	2 to 3 feet TTT	\$25.00	\$225.00
1000	3 to 4 feet TTT	35.00	300.00
1000	18 to 24 inches TTT	20.00	180.00
3000	9 to 12 inches TT	8.50	75.00

**PICEA CANADENSIS ALBA (White Spruce)**

Grows nearly as fast as Norway and is more compact. Makes good understocks for grafting. Seed obtained from Northern Minnesota.

		Per 100	Per 1000
150	18 to 24 inches TTT	\$25.00	\$200.00
600	12 to 18 inches TTT	20.00	170.00
600	9 to 12 inches TT	9.00	80.00
1200	9 to 12 inches T	7.50	65.00
1200	9 to 12 inches RP	6.50	55.00
1000	6 to 9 inches RP	5.50	45.00

**PICEA CANADENSIS ALBERTIANA (Black Hills Spruce)**

Needs no introduction. Seed obtained in the Black Hills of South Dakota.

2000	9 to 12 inches TTT	15.00	130.00
5000	6 to 9 inches TTT	12.00	100.00
3000	6 to 9 inches TT	9.00	80.00
2200	6 to 9 inches T	7.50	65.00
2000	4 to 6 inches T	5.50	45.00
4000	6 to 9 inches RP	6.00	50.00
2000	4 to 6 inches RP	5.00	40.00

**PICEA EXCELSA (Norway Spruce)**

A fast growing tree with bright green foliage. Makes a good wind-break as well as an ornamental tree. Used for understocks. Seeds obtained in Northern Europe.

500	9 to 12 inches TT	12.00	100.00
1000	12 to 18 inches T	9.00	80.00
1500	6 to 9 inches T	6.00	50.00
1000	6 to 9 inches RP	5.00	45.00

**PICEA PUNGENS GLAUCA (Colorado Blue Spruce)**

Foliage ranging from green to silver white. Very popular for lawn planting. We make an effort to get seeds from bluest trees in Colorado. We do not select the blue ones out before shipping.

500	9 to 12 inches TTT	20.00	180.00
1500	6 to 9 inches TTT	16.00	140.00
2000	6 to 9 inches TT	12.00	100.00
2500	6 to 9 inches T	10.00	90.00
3500	6 to 9 inches RP	7.00	60.00

**PINUS BANKSIANA (Jack Pine)**

Most northern of all pines. Hardy and fast growing. Foliage bright green.

1000	18 to 24 inches RP	6.00	50.00
2500	12 to 18 inches RP	5.00	40.00
1000	9 to 12 inches RP	4.00	30.00

## EVERGREENS FOR LINING OUT—Continued

**PINUS MUGHUS DWARF**

Per 100 Per 1000

Dwarf pine of many branches. Used in rockeries and in foundation planting. Seed obtained from the Alps Mountains.

750	9 to 12 inches TTT	\$22.00	\$200.00
1250	6 to 9 inches TTT	17.50	
1400	9 to 12 inches TT	18.00	150.00
800	9 to 12 inches T	13.00	110.00
1000	6 to 9 inches T	10.00	90.00
2500	9 to 12 inches RP	8.50	75.00
5000	6 to 9 inches RP	7.50	65.00
4000	4 to 6 inches RP	5.00	40.00

**PINUS NIGRA (Austrian Pine)**

Valuable for windbreaks. Very hardy. Seed obtained from Austria and Nebraska. Will stand lots of drought.

175	18 to 24 inches TTT	25.00	
3100	9 to 12 inches T	8.00	70.00
1400	6 to 9 inches T	6.00	50.00
4000	12 to 18 inches RP	7.50	65.00
7500	9 to 12 inches RP	5.00	40.00
5000	6 to 9 inches RP	4.00	30.00
6000	4 to 6 inches RP	3.00	20.00

**PINUS PONDEROSA (Bull Pine)**

A most valuable pine for ornamental, windbreak and timber planting. Very long needles and compact growth makes this tree a desirable one.

7500	9 to 12 inches RP	5.00	40.00
6000	6 to 9 inches RP	3.50	25.00
6000	4 to 6 inches RP	1.80	15.00

**PINUS STROBUS (White Pine)**

Grows very fast. Will grow well on most any kind of soil. Valuable.

200	18 to 24 inches TTT	20.00	
1400	12 to 15 inches TT	12.00	
1200	9 to 12 inches T	7.00	60.00
4000	9 to 12 inches RP	5.00	40.00
4000	6 to 9 inches RP	4.00	30.00

**PINUS SYLVESTRIS REGENSIS (Scotch Pine)**

Regensis is the best known type of Scotch Pine grown. Is a valuable tree wherever pine trees are desired. Seed from Northern Europe.

500	18 to 24 inches TT	14.00	120.00
200	12 to 18 inches TT	12.00	100.00
1000	9 to 12 inches RP	5.00	40.00
4000	6 to 9 inches RP	4.00	30.00

**THUJA ORIENTALIS**

Columnar habit. Bright green attractive foliage.

5000	6 to 9 inches RP	5.00	40.00
------	------------------	------	-------



## ROSES

Growing and distributing Roses of best quality is one of our specialties.

We offer a splendid assortment of Northern California grown roses. These roses are carefully grown; well sprayed during the growing season and dug only when well matured. All roses are carefully graded under our personal supervision and with our exceptional storage facilities for the storing and handling of roses, we are in a position to supply first class plants which give satisfaction.

## HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100
No. 1 .....	\$4.50	\$ 40.00
No. 1½ .....	3.50	30.00
No. 2 .....	2.10	18.00

## RED SHADES

	No. 1	No. 1½	No. 2
<b>Ami Quinard</b> , velvety crimson-maroon, vigorous and profuse.....	300	----	120
<b>Chas. K. Douglas</b> , free flowering variety, scarlet-crimson. Vigorous.....	120	150	180
<b>Chas. P. Kilham</b> , brilliant scarlet-carmine. Double.....	----	120	200
<b>Etoile de Hollande</b> , dark velvety-red with fine fragrance.....	150	110	1200
<b>Francis Scott Key</b> , large, very double; rich crimson.....	120	340	200
<b>Glowing Carmine</b> , lasting fragrant flowers of deep carmine; continuous bloomer.....	----	220	50
<b>Grenoble</b> , long-stemmed beautifully shaped blooms of scarlet crimson.....	----	540	400
<b>Gruss an Teplitz</b> , medium sized, dark maroon blooms in clus- ters. Very hardy.....	----	----	400
<b>Hadley</b> , deep velvety-crimson with velvety texture.....	60	100	----
<b>Margaret McGredy</b> , full blooms of orange-scarlet.....	100	----	140
<b>Radiance Red</b> , bright rose-red, form of Radiance.....	1460	420	----
<b>Rouge Mallerin</b> , double, well formed blooms of striking and lasting deep red.....	----	480	190
<b>Southport</b> , brilliant, unfading scarlet roses with full cupped flowers, very lasting and exceedingly fragrant.....	----	260	50
<b>Syracuse</b> , scarlet-crimson on vigorous upright plant. Double.....	----	220	180
<b>Vaterland</b> , dark red with coppery reflexes, large, double.....	50	90	60
<b>Victoria Harrington</b> , velvety, dark red rose of merit. In- tensely fragrant.....	----	260	380

## PINK SHADES

	No. 1	No. 1½	No. 2
<b>Betty Uprichard</b> , salmon-pink stained with coppery red.....	740	420	550
<b>Briarcliff</b> , handsome flowers of silvery rose-pink.....	----	----	320
<b>Columbia</b> , long stemmed, pointed flowers of vivid pink; fra- grant.....	50	420	180
<b>Dame Edith Helen</b> , excellent shape, glowing pink, double.....	----	----	400
<b>Editor McFarland</b> , shapely buds and double, brilliant pink blooms.....	620	1140	740
<b>Leonard Barron</b> , light salmon and shell pink suffused with pale copper. Hardy.....	50	100	50
<b>Mrs. Chas. Bell</b> , soft salmon-pink, sweetly perfumed.....	100	640	750
<b>Pink Dawn</b> , perfectly formed, pink buds touched with salmon rose.....	----	280	90
<b>Radiance Pink</b> , large, brilliant rose-pink. Very fragrant.....	1120	280	100
<b>Rapture</b> , large double deep pink blooms on long stems.....	50	360	200
<b>Souv. de Mme. C. Chambard</b> , large, semi-double, cupped, fragrant; outer petals rich rose-red; inner petals deep rose- pink, with golden glow at center.....	60	180	220

## ROSES—Continued

## HYBRID TEA AND EVERBLOOMING—Continued

YELLOW SHADES	No. 1	No. 1½	No. 2
<b>Gloriana</b> , a rose retaining its remarkable yellow color in the hottest weather, deepening to the two-toned deep of Condesa de Sastago. ....	380	220	70
<b>Golden Charm</b> , deep unshaded yellow sport of Talisman. ....	---	310	450
<b>Golden Dawn</b> , bud rich sunflower-yellow flushed old rose. Double. ....	---	540	400
<b>Golden Rapture</b> , long lasting, beautifully formed buds, fully double blooms of rich yellow on long, strong stems. A vigorous grower. ....	550	620	700
<b>Joanna Hill</b> , large, yellow with bronze shadings in center. Fragrant, vigorous. ....	---	540	400
<b>Lady Hillingdon</b> , a popular deep apricot-yellow rose. ....	---	450	400
<b>Lady Margaret Stewart</b> , large deep yellow flushed orange red. ....	180	100	---
<b>Luxembourg</b> , large, coppery-yellow flowers. ....	320	780	500
<b>McGredy's Yellow</b> , large bright buttercup-yellow flowers of perfect form and sweetly scented. Foliage is heavy and glossy, dark green on red stems. ....	---	220	60
<b>Mrs. E. P. Thom</b> , large, well shaped, bright canary yellow. ....	---	200	---
<b>Mrs. Pierre S. du Pont</b> , bud reddish-gold, flower deep golden yellow, lighter with age. ....	---	---	800
<b>Ophelia Golden</b> , golden-yellow. Seedling of Ophelia. ....	50	250	400
<b>Roslyn</b> , large, double, deep golden-yellow. Vigorous grower. ....	---	320	140
<b>Soeur Therese</b> , double blooms of rich yellow. Vigorous. ....	250	580	460
<b>Souv. de Claudius Pernet</b> , beautiful long buds opening to full blooms of rich yellow. ....	560	820	300
<b>Sunburst</b> , rich yellow shaded coppery-orange. ....	120	---	---
<b>Yellow Sastago</b> , vigorous yellow sport of the popular bush variety. ....	200	260	70

TWO-TONED SHADES	No. 1	No. 1½	No. 2
<b>Autumn</b> , double blooms of orange, yellow and red. Vigorous and upright. ....	60	---	220
<b>Edith Nellie Perkins</b> , pointed buds, rich orange outside and salmon-pink inside. ....	540	560	240
<b>Heinrich Wendland</b> , distinctly two-toned; large, double blooms of nasturtium-red inside, golden-yellow reverse. ....	---	100	---
<b>Hinrich Gaede</b> , bright vermilion toned gold; good form; fragrant, a distinct and excellent variety. ....	---	540	480
<b>Lady Forteviot</b> , fragrant, golden-yellow blooms changing to deep apricot. ....	100	70	150
<b>Los Angeles</b> , double, luminous coral-pink toned gold at base. ....	100	320	160
<b>Mev. G. A. van Rossem</b> , vivid orange and apricot on golden-yellow ground. ....	---	150	160
<b>Talisman</b> , glowing golden-yellow stained copper red. ....	320	---	400

WHITE SHADES	No. 1	No. 1½	No. 2
<b>Caledonia</b> , large double white; long buds opening to large, double flowers. ....	220	480	290
<b>K. A. Viktoria</b> , popular, snow white, double. ....	110	420	180
<b>Killarney Double White</b> , large, snow-white, intensely fragrant. ....	---	120	180
<b>Mme. Jules Bouche</b> , white with blush tints in center. ....	160	320	400

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

**ROSES—Continued****HYBRID TEA AND EVERBLOOMING—Continued**

	Per 10	Per 100
No. 1 .....	\$5.00	\$ 45.00
No. 1½ .....	4.00	35.00
No. 2 .....	2.40	20.00

**RED SHADES**

	No. 1	No. 1½	No. 2
<b>Brazier</b> , pointed buds of burnt-orange opening to a double fragrant flower of flame-scarlet.....	---	90	70
<b>Poinsettia</b> , bud long-pointed; large, double open flowers of bright unfading scarlet. Vigorous, prolific bloomer.....	340	290	200
<b>Red Talisman</b> , Talisman sport. Bud long-pointed; flower large, double, fragrant. Deep cerise-red blending into yellow shade at base.....	120	40	---
<b>Temno</b> , a desirable dark maroon-red with velvety tones.....	---	220	320

**PINK SHADES**

	No. 1	No. 1½	No. 2
<b>Dainty Bess</b> , single, waxy petaled rose-pink; wine-red stamens.....	100	200	400
<b>Numa Fay</b> , large well-shaped buds of pale orange-salmon shading to pale pink edges. Open flowers are pale salmon-pink.....	80	60	50
<b>Peter's Briarcliff</b> , Briarcliff strain used by Florists for forcing.....	---	---	200
<b>Picture</b> , velvety clear rose-pink with undertones of salmon. Very double.....	---	110	300
<b>Pink Delight</b> , fragrant rose-pink. Often used for forcing.....	---	320	300
<b>The Doctor</b> , large, beautiful buds opening to enormous semi-double, cupped flowers of satiny pink. Fragrant. Plant vigorous and bushy.....	---	380	400

**TWO-TONED SHADES**

	No. 1	No. 1½	No. 2
<b>Contrast</b> , long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.....	70	300	140
<b>Faience</b> , two-toned, soft peach and cadmium-yellow. This "Dutch Beauty" is regal in exquisite form from long, tapering bud to full-petaled opening of bloom.....	---	110	90
<b>Mme. Joseph Perraud</b> , perfectly formed buds and double blooms, shading from shell pink to buff and orange in center.....	---	120	250
<b>Mrs. Sam McGredy</b> , large, long-pointed bud; flower large, double, scarlet-copper-orange, heavily flushed with red on outside of petals. Prolific bloomer.....	---	220	400
<b>Talisman No. 5</b> , Talisman strain used by Florists for forcing.....	400	---	350
<b>Treasure Island</b> , flaming coppery-pink, inside of petals light salmon, orange at base, strong stem. Bud long-pointed; flowers large and fragrant. Received highest award of Silver medal at San Francisco Fair; also Certificate of Merit from New York World's Fair in 1940.....	580	560	400

**WHITE SHADES**

	No. 1	No. 1½	No. 2
<b>Snowbird</b> , most prolific, pure white bedding rose. Full-petaled and perfectly formed.....	---	70	120

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.



## ROSES—Continued

## BABY ROSES—Dwarf Polyantha and Floribunda.

## Mostly California Grown

	Per 10	Per 100
No 1 .....	\$4.00	\$ 35.00
No. 1½ .....	2.90	25.00
No. 2 .....	1.80	15.00
No. XX Heavy .....	4.50	40.00

## RED SHADES

	No. 1	No. 1½	No. 2	XX
Crimson Baby, small, semi-double, light crimson, dense cluster. ....	50	480	----	----
Edith Cavell, brilliant scarlet, overlaid velvety crimson. ....	300	450	370	220
Erna Teschendorf, bright red, semi-double flowers. ....	----	280	130	----
Eutin, large clusters of very double, deep red flowers on a vigorous mildew resistant bush. ....	260	90	----	70
Gloria Mundi, large, fully double, lasting, orange-scarlet, borne in clusters. ....	840	680	420	280
Ideal, dark scarlet, borne in profusion. Immense, compact bunches. ....	150	680	----	120
*Kirsten Poulsen, bright scarlet in clusters on long stems. ....	350	100	60	350
Lafayette Improved, large clusters of bright cherry-crimson. ....	----	80	----	100
Red Gloria Mundi, sport of Gloria Mundi with more red predominating. ....	400	300	70	100
Sparkler, a fine, cluster-flowered type, brilliant red flowers. ....	100	400	200	30
Triomphe Orleanais, large clusters of cherry-red. ....	200	400	680	200

## PINK SHADES

	No. 1	No. 1½	No. 2	XX
Cameo, a distinct shade of shell-pink and salmon, with a glow of gold. ....	180	120	----	180
Chatillon, vivid, light salmon-pink, semi-double flowers in enormous heads. ....	70	340	----	70
Ellen Poulsen, double, bright rose-pink. Fragrant. ....	50	----	----	100
*Else Poulsen, bright, rose-pink, semi-double, lasting. ....	----	540	----	----
*Pink Gruss an Aachen, deep salmon rose-colored sport of Gruss an Aachen. ....	----	160	----	----

## YELLOW AND TWO-TONED SHADES

	No. 1	No. 1½	No. 2	XX
Golden Salmon, bright orange-salmon. Fine for mass planting, blooms continually. ....	30	550	620	20
Golden Salmon Superior. An improvement on Golden Salmon. ....	100	120	----	100
Orange Triumph, salmon-red with orange shadings, blooming in enormous clusters. ....	----	350	110	----
*Poulsen's Yellow, bud copper, yellow flowers semi-double, intensely fragrant. ....	----	150	90	----

\*Varieties (\*) are classed as Floribundas

## RUGOSA, HYBRIDS AND MISCELLANEOUS

## Mostly Own Roots

	Per 10	Per 100	Per 1000
Agnes, double yellow rugosa, fragrant, blooms early. ....	\$4.00	\$35.00	\$ ----
90 2 to 3 feet .....	2.90	25.00	----
60 18 to 24 inches .....	----	----	----
Amelia Gravereaux, carmine-red, borne on long stems. ....	3.50	30.00	----
60 18 to 24 inches .....	2.50	22.00	----
130 12 to 18 inches .....	1.90	16.00	----
200 9 to 12 inches .....	----	----	----

## ROSES—Continued

## RUGOSA HYBRIDS AND MISCELLANEOUS—Continued

Austrian Copper, single brilliant orange-red flowers inside, yellow outside.

		Per 10	Per 100	Per 1000
170	2 to 3 feet	\$4.00	\$35.00	\$
<b>Belle Poitevine</b>	bright pink in clusters, everblooming.			
300	2 to 3 feet	2.70	24.00	220.00
1000	18 to 24 inches	2.40	20.00	180.00
300	12 to 18 inches	1.70	14.00	120.00
<b>Blanda</b>	soft pink flowers borne in clusters.			
80	3 to 4 feet	2.90	25.00	
300	2 to 3 feet	2.40	20.00	
350	18 to 24 inches	1.90	16.00	
280	12 to 18 inches	1.40	12.00	
<b>Carolina</b>	bright rose-pink flowers borne singly in clusters.			
	2 to 3 feet	2.40	20.00	
	18 to 24 inches	1.90	16.00	
	12 to 18 inches	1.40	12.00	
<b>Dr. Eckener</b>	large, semi-double flowers, coppery rose in center.			Vigorous and hardy.
110	12 to 18 inches	2.50	22.00	
<b>F. J. Grootendorst</b>	small bright red flowers in clusters.			
700	12 to 18 inches	2.90	25.00	
1850	9 to 12 inches	2.40	20.00	180.00
<b>Grootendorst Supreme</b>	sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.			
300	2 to 3 feet	4.50	40.00	
150	12 to 18 inches	2.90	25.00	
<b>Hansa</b>	double, reddish flowers of large size.			
1400	2 to 3 feet	2.90	25.00	220.00
380	18 to 24 inches	2.40	20.00	
<b>Hugonis</b>	light yellow flowers borne profusely along the branches. Very hardy, blooms very early.			
350	3 to 4 feet	4.00	35.00	
300	2 to 3 feet	3.20	28.00	
170	18 to 24 inches	2.50	22.00	
<b>Lucida</b>	bright pink flowers followed by shining red fruit.			
190	3 to 4 feet	3.50	30.00	
1100	2 to 3 feet	2.70	24.00	220.00
800	18 to 24 inches	2.40	20.00	180.00
460	12 to 18 inches	1.70	14.00	
<b>Mrs. Anthony Waterer</b>	double crimson, Rugosa foliage.			
390	2 to 3 feet	2.90	25.00	
300	18 to 24 inches	2.40	20.00	
100	12 to 18 inches	1.80	15.00	
<b>Rugosa Alba</b>	splendid foliage with single white blooms.			
70	18 to 24 inches	4.00	35.00	
100	12 to 18 inches	2.90	25.00	
<b>Rugosa Rubra</b>	large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.			
300	3 to 4 feet	3.50	30.00	
1200	2 to 3 feet	2.70	24.00	220.00
600	18 to 24 inches	2.40	20.00	180.00
790	12 to 18 inches	1.70	14.00	120.00
<b>Setigera</b>	bright pink flowers, big clusters, blooms late.			
2100	2 to 3 feet	2.40	20.00	180.00
1600	18 to 24 inches	1.90	16.00	140.00
900	12 to 18 inches	1.40	12.00	100.00
<b>Sir Thomas Lipton</b>	snowy white flowers of good size.			
300	2 to 3 feet	2.90	25.00	
200	18 to 24 inches	2.40	20.00	
150	12 to 18 inches	1.80	15.00	

## ROSES—Continued

## CLIMBERS AND RAMBLERS

California Grown

Our Climbing Roses are mostly on own roots, are good stock, well graded, and we are confident will please.

**Brownell Hardy Climbers**—See Patented Roses for prices and description.

Chaplins Pink, a fine pink rose. Paul's Scarlet type.	Per 10	Per 100	Per 1000
150 No. 1	\$4.00	\$35.00	\$
200 No. 2	2.40	20.00	

**Climbing American Beauty**, flowers rich red to Crimson.

1200 XX, Heavy	4.50	40.00	
900 No. 1	4.00	35.00	
150 No. 2	2.40	20.00	

**Crimson Rambler**, beautiful dazzling scarlet-red borne in giant sprays.

450 XX, Heavy	3.50	30.00	
520 No. 1	2.90	25.00	

**Dorothy Perkins**, soft shell pink flowers.

200 XX, Heavy	3.50	30.00	
450 No. 1	2.90	25.00	
280 No. 2	1.80	15.00	

**Dr. Van Fleet**, pale pink buds and flowers on long stems.

820 No. 2	2.40	20.00	
-----------	------	-------	--

**Excelsa**, double scarlet crimson blooms.

220 No. 1	2.90	25.00	
180 No. 2	1.80	15.00	

**Flash**—See Patented Roses for prices and description.

**Flower of Fairfield**, deep crimson, similar to Crimson Rambler.

70 XX, Heavy	3.50	30.00	
250 No. 1	2.90	25.00	
210 No. 2	1.80	15.00	

**Horvath Setigera Climbers**—See Patented Roses for prices and descriptions.

**Jacotte**, deep orange-yellow, tinted coppery-red.

250 No. 2	2.40	20.00	
-----------	------	-------	--

**Mme. Gregoire Staechelin**, pink blooms with lightly curled petals on long stems.

100 No. 2	2.40	20.00	
-----------	------	-------	--

**Paul's Scarlet**, intense scarlet flowers of excellent shape and good size, borne in clusters.

620 XX, Heavy	4.50	40.00	
---------------	------	-------	--

**Seven Sisters**, double, deep pink, borne in large clusters.

400 No. 1	2.90	25.00	
90 No. 1½	2.40	20.00	
310 No. 2	1.80	15.00	

**Silver Moon**, large buds, creamy white flowers semi-double, golden anthers, small sprays.

180 No. 1½	2.40	20.00	
220 No. 2	1.80	15.00	

**Tausendschon**, large clusters, flowers soft pink to white.

160 No. 1	2.90	25.00	
400 No. 1½	2.40	20.00	
300 No. 2	1.80	15.00	

**White Dorothy**, small double flowers, creamy white in great clusters.

350 No. 1	2.90	25.00	
250 No. 1½	2.40	20.00	
400 No. 2	1.80	15.00	

**Wichuriana** (Memorial Rose), Clusters of white flowers, trailing habit, glossy leaves fine ground cover.

1200 No. 1	2.70	24.00	220.00
500 No. 1½	2.25	19.00	160.00



**ROSES—Continued****PATENTED ROSES**

We are offering these Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified, 1 to 10 at each rate; 10 to 20 at 10 rate; 20 to 250 at 100 rate. Prices are NET.

**ALL-AMERICA ROSE SELECTIONS**

All-America Rose Selections, A.A.R.S., an organization of the leading Rose growers located in various parts of the United States, was organized in 1938 for the purpose of testing and selecting new varieties of roses of outstanding merit. The organization maintains fifteen official test gardens located in all parts of the country for the testing and judging of proposed new varieties. One test garden is maintained on our nurseries, Shenandoah, Iowa.

We offer the following varieties of roses which have secured the award of "All-America Rose Selections". These are the finest of the new varieties.

	Each	Per 10	Per 100
750 <b>Charlotte Armstrong</b> , Patent No. 455. (Retail \$1.25 each; \$12.50 per doz.) Unique color with long slender blood red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather. The long stemmed blooms are produced in great quantities throughout the season and are ideal for cutting because they open slowly and are beautiful until the last petals drop. ....	\$0.75	\$ 7.00	\$ 60.00
120 <b>Flash</b> , Patent No. 396. (Retail \$1.00 each; \$10.00 per doz.) Climber or Pillar Rose of glowing vivid, orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks. ....	.60	5.50	50.00
450 <b>Grande Duchesse Charlotte</b> , H.T., New. (Patent applied for) (Retail \$1.50 each; \$15.00 per doz.) The beautiful, long streamlined buds are glowing Morocco-red and open to 25 firm-petaled blooms of dusky coral red which do not fade, but gradually merge to a soft coral pink. Award of "All-America Rose Selections" for 1942. ....	1.00	9.00	75.00
160 <b>Mary Margaret McBride</b> , Patent No. 537. (Retail \$1.50 each; \$15.00 per doz.) The buds are deep salmon-pink, almost reddish in fall, and the suffusion of yellow becomes a gold at base of petals. Rose full having about 45 petals. Bush strong and vigorous in growth producing great numbers of long stemmed roses excellent for cutting. Award of "All-America Rose Selections" for 1942. ....	1.00	9.00	-----
720 <b>The Chief</b> , Patent No. 456. (Retail \$1.00 each; \$10.00 per doz.) 1940 "All-America Rose Selections". Extremely long buds of flame rose, opening to a large flower of flame, coral and copper turning to orange-pink with age. Rich fragrance; spreading vigorous plant resistant to mildew. ....	.60	5.50	50.00

**HYBRID TEA**

	Each	Per 10	Per 100
320 <b>Anzac</b> (Patent applied for) (Retail \$1.50 each; \$15.00 per doz.) Large buds of azalea-pink opening to large, unusually double flowers with coppery-scarlet sheen, on long stem. ....	\$1.00	\$ 9.00	\$ 75.00
120 <b>Bright Wings</b> (Patent applied for.) (Retail \$1.50 each; \$15.00 per doz.) Beautiful buds of rosy burnt-orange color opening to a 4 to 5 inch flower turning coral-pink showing golden anthers in center. ....	1.00	9.00	75.00

## ROSES—Continued

## PATENTED ROSES—Continued

	Each	Per 10	Per 100
200 <b>Countess Vandal</b> , Patent No. 138. (Retail \$1.00 each; \$10.00 per doz. Long pointed bud, upright stems. Color combination can hardly be described, pink, copper, gold and salmon. ....	\$0.60	\$ 5.50	\$ 50.00
55 <b>Crimson King</b> (Patent applied for) (Retail \$1.50 each; \$15.00 per doz.) Well formed blooms of velvety crimson on strong stems. A cross with Crimson Glory. ....	1.00	9.00	-----
200 <b>Fantastique</b> (Patent applied for.) (Retail \$1.50 each; \$15.00 per doz.) An interesting type with plant habit similar to Gruss an Aachen. The lovely creamy-yellow flowers have the edge of each recurved petal brushed with vivid carmine. ....	1.00	9.00	75.00
80 <b>Jewel</b> , Patent No. 382. (Retail \$1.00 each; \$10.00 per doz.) Sport of "Better Times". Brilliant velvety-red which does not fade. Long-pointed bud of slightly darker color. The flower of about 45 petals measures about 5 inches across when open and has pleasing fragrance. ....	.60	5.50	50.00
140 <b>Mme. Henri Guillot</b> , Patent No. 337. (Retail \$1.25 each; \$12.50 per doz.) A charming, two-toned rose. The Artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry-pink color with golden base. ....	.75	7.00	60.00
150 <b>Pearl Harbor</b> (Patent applied for) (Retail \$1.50 each; \$15.00 per doz.) Light poppy-pink, reverse China rose on long stem. Bud large, long-pointed; flower exceptionally large, double and high-centered. ....	1.00	9.00	75.00
500 <b>Santa Anita</b> , Patent No. 539. (Retail \$1.00 each; \$10.00 per doz.) Perfectly formed long pointed buds unfold into glorious flowers of crystal clear peach-blossom pink. ....	.60	5.50	50.00
780 <b>Texas Centennial</b> , Patent No. 162. Hoover sport. Bright vermilion red with light tone of gold at base. Petals lighter red at center gradually toning to deep rich pink as the bloom ages. ....	.50	4.50	40.00
380 <b>Will Rogers</b> , Patent No. 256. (Retail \$1.00 each; \$10.00 per doz.) Dark velvety-crimson maroon, double, free bloomer. Strong vigorous dark green foliage. ....	.60	5.50	50.00

## FLORIBUNDA

20 <b>Donald Prior</b> , Patent No. 377. (Retail \$1.00 each; \$10.00 per doz.) The large flowers are semi-double bright scarlet, flushed crimson, fragrant. Free flowering. One of the most striking colors of Floribunda group. ....	.60	5.50	-----
140 <b>Permanent Wave</b> , Patent No. 107. Retail \$1.00 each; \$10.00 per doz.) Large, semi-double flowers of rosy-pink with cerise edges. Petals are waved permanently from bud stage to the finish. Vigorous and bushy. ....	.60	5.50	50.00

## CLIMBERS

120 <b>Flash</b> , Patent No. 396. (Retail \$1.00 each; \$10.00 per doz.) Climber, glowing, vivid, orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks. ....	.60	5.50	-----
---	-----	------	-------

**ROSES—Continued****PATENTED ROSES—Continued****NEW HORVATH SETIGERA ROSES**

Hardiness and vigor of growth as well as profusion of bloom characterize this new race of roses. Some are climbers and others are compact shrubs with fine glossy foliage.

Each Per 10 Per 100

300	<b>Hercules</b> , Patent No. 296. (Retails \$2.00 each; \$20.00 per doz.) Huge flowers of clear rose-pink, slow in opening and long lasting; abundantly produced on stem and laterals. Ultimate height 14 to 15 feet.	1.25	\$11.00	\$100.00
450	<b>Mabelle Stearns</b> , Patent No. 297; (Retails \$1.50 each; \$15.00 per doz.) Peach-blossom-pink with silvery reflexed petals, center showing orange undertone, and produced in panicles. Everblooming. Ultimate height about 2 feet, spreading from 6 or 8 feet, if permitted.	1.00	9.00	75.00
180	<b>Mercurius</b> , Patent No. 385. (Retails \$2.00 each; \$20.00 per doz.) Sparkling two-toned apricot and coral-pink. Large open flowers are produced abundantly on stem and laterals. Ultimate height 7 to 9 feet.	1.25	11.00	100.00
420	<b>Polaris</b> , Patent No. 386. (Retails \$1.50 each; \$15.00 per doz.) A free blooming, hardy, vigorous climber producing pure white flowers, often 2 inches in diameter and in large clusters.	1.00	9.00	75.00
280	<b>Thor</b> , Patent No. 337. (Retails \$2.50 each; \$25.00 per doz.) Perfectly formed flowers of brilliant scarlet-red are slow in opening and measure 4 to 5 inches when fully open. Produced abundantly on stiff spur branches 12 to 18 inches long. Ultimate height about 8 to 10 feet.	1.50	14.00	125.00

**BROWNELL SUB-ZERO HYBRID TEA**

A new race from hardier Species, Wichuriana hybrids, that can bloom all summer along with the more tender Hybrid Teas. The originator reports flowers of equal merit in size, form, fragrance and color, and plants many times longer lived even after sub-zero winters.

Each Per 10 Per 100

85	<b>Anne Vanderbilt</b> , Patent No. 504. Retails \$1.50 each; \$15.00 per doz.) Exquisite coppery orange, informal, semi-double, very brilliant, fragrant.	1.00	\$ 9.00	\$ 75.00
50	<b>Break O'Day</b> , Propagation rights reserved. (Retails \$1.50 each; \$15.00 per doz.) Orange to apricot, large flowers, very vigorous, free bloomer, delightfully inspiring.	1.00	9.00	75.00
100	<b>Shades of Autumn</b> , Patent No. 542. (Retails \$1.50 each; \$15.00 per doz.) An abundant and joyous expression of bi-colored beauty.	1.00	9.00	75.00

**BROWNELL SUB-ZERO HARDY CLIMBERS**

50	<b>Copper Glow</b> , Patent No. 458. (Retails \$1.50 each; \$15.00 per doz.) Deep coppery orange, delightfully spicy fragrance, latest color sensation.	1.00	9.00	-----
30	<b>Golden Glow</b> , Patent No. 263. (Retails \$1.50 each; \$15.00 per doz.) This is the spectrum yellow fragrant, abundant mass color display—of which the N.Y. World's Fair Management planted 200, named the area "Rose Court" and they were proud of the display.	1.00	9.00	-----
30	<b>Golden Pyramid</b> , Propagation rights reserved. Retails \$1.50 each; \$15.00 per doz.) Cadmium yellow, most vigorous of all climbers.	1.00	9.00	-----

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.



## PERENNIALS

We have one of the largest and most complete assortments of Hardy Perennials, Alpine and Rock Garden plants of any nursery in the Middle West. Our plants are, except as specified, field grown, properly transplanted to give the necessary root development for high class landscape planting.

We have approximately 60 acres of overhead irrigation, devoted to the propagation of our Perennial and Rock Garden plants. We have searched the world over for new varieties of seeds and plants.

All perennials should be shipped by express. They are very perishable and should not be included in a freight shipment.

RG indicates the adaptability for rock garden planting.

	Per 10	Per 100
<b>ACHILLEA</b> — Milfoil or Yarrow (RG)		
Ptmarica, The Pearl. Large double white. 18 in. June-July. ....	\$ 1.15	\$ 9.00
<b>ALTHEA ROSEA</b> , Hollyheck.		
Double Varieties .....	1.20	10.00
Haille Selassie, Maroon, almost black		
Purple Amaranth, Deep purple		
<b>ANCHUSA</b> , Bugloss.		
Italica Var. Dropmore. Bright blue. 3 to 4 ft. All summer. ....	1.15	9.00
Myosotidiflora (RG) Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June. ....	1.40	12.00
<b>ANEMONE</b> , Windflower (RG)		
Pulsatilla. Violet. 12 in. April-May. ....	1.80	15.00
<b>AQUILEGIA</b> , Columbine. May-June. (RG)		
Clematiflora. Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades. ....	1.40	12.00
Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May-June. 24 in. ....	1.80	15.00
Dobbies Imperial Hybrids. Fine, wide assortment of colors, very sturdy, of great size. A recent English triumph. ....	1.40	12.00
Longissima. Delicate pale yellow. Extra long spurs. ....	1.40	12.00
Long Spurred Pink. Rose shades. Extra long spurs. ....	1.20	10.00
Mrs. Scott Elliott's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft. ....	1.20	10.00
Rose Queen. Rose shades, White, Corolla. ....	1.20	10.00
<b>ARMERIA</b> .		
Formosa Hybrids. Shades of rose and pink. Good sized flowers on stems 2 ft. High. ....	1.40	12.00
<b>ASCLEPIAS</b> , Butterfly Weed (RG)		
Tuberosa. Brilliant orange flowers, decorative seed pods. July and August. 18 in. ....	1.15	9.00

## ASTERS

### NEW DWARF VARIETIES (RG)

Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.

Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms mid-September. ....	1.40	12.00
Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft. ....	1.40	12.00
Victor. The dwarfiest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September. ....	1.40	12.00

## PERENNIALS—Continued

## UPRIGHT TYPES. Starwort or Michaelmas Daisy.

The following varieties of Upright Asters are new and improved varieties.  
Very large in bloom and extremely colorful.

	Per 10	Per 100
Mt. Everest. Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growth, which flowers right down to the ground. Very small eye. 3 to 4 ft.-----	\$ 1.80	\$15.00
Royal Blue. Large, semi-double, clear blue. 2½ ft. September.-----	1.40	12.00

## BOLTONIA, False Chamomile.

Latisquama. Pink, aster-like flowers. September. 4 ft.-----	0.95	8.00
---	------	------

## CAMPANULA, Belleflower.

Calycanthema (Cup and Saucer). In separate colors, Blue, Rose and White. Tall, erect plants covered with large cup and saucer shaped flowers during late May and June. A perfect plant for the old fashioned, hardy garden.-----	1.20	10.00
Medium (Canterbury Bells). In separate colors, Blue, and Rose. June. 2 ft.-----	1.20	10.00

## CENTAUREA, Hardheads or Knapweed.

Montana. Violet-blue flowers, large. July to September. 2 ft.-----	1.15	9.00
--	------	------

## CHRYSANTHEMUMS

Dormant plants on all varieties of early blooming Chrysanthemums are difficult to store. We recommend well established pot plants that will bloom the following fall. Varieties (\*) starred can be furnished in both dormant and potted stock. Varieties not starred are available in pot plants only. Please specify your preference.

## CUSHION Chrysanthemums, Sometimes called "Million Mums" or "Azaleamums".

A group of low-growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 or 12 inches high. Our stock is of improved strains. Most varieties begin blooming late August and bloom until frost.

*Bronze Cushion. As the flowers first open, they are a warm, rich red bronze, then turning to a bronzy yellow with a light red center. Later, lighten to a beautiful golden bronze shade.-----	1.70	14.00
Dean Kay Pink. Deep pink color, similar to pink cushion, except larger.----	1.80	15.00
Dean Kay Yellow. An improved Yellow Cushion Chrysanthemum, very worth while.-----	1.80	15.00
Dean Ladd. An improved reddish-bronze Cushion Chrysanthemum. Flowers 2 to 2½ in. Height 18 in.-----	1.80	15.00
*Pink Cushion. Flowers open to a deep, orchid-pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center. Has a record of 3,000 flowers the first year per plant. Very hardy.-----	1.40	12.00
Red Cushion. Pure fiery red. Multitude of beautiful 2 to 2½ in. flowers.----	1.70	14.00
*White Cushion. Snow white flowers with a faint yellow center.-----	1.70	14.00
Yellow Cushion. Pure golden yellow, very brilliant. Develops into large dense clumps, often measuring 24 to 30 inches across. Producing hundreds of strikingly beautiful flowers. Flowering the first of October.-----	1.80	15.00

## UPRIGHT CUT FLOWER VARIETIES.

These are the Chrysanthemums which you grow in your garden. Suitable for cut flower purposes. Flowers are large and all up-right stems. We guarantee the following varieties to be all early bloomers under normal conditions and to bloom either in September or early October.

Algonquin (Bristol) Fine, brilliant, double yellow. Mid-September. 18 inches.-----	1.80	15.00
Barbara Cumming (Bristol). Large, bronze-yellow. 3 inches across blooms. Early September. Height 18 in.-----	1.40	12.00
*Clara Curtis (Bristol). Produces great masses of fragrant pink, daisy-like blooms. Early September. Single. 2 ft.-----	1.40	12.00
*Early Bronze. Pom Pom. Bronze yellow, free blooming, early flowering. Late August. 18 in.-----	1.40	12.00
Eugene A. Wander (Bristol). Sparkling, golden-yellow blooms. Early September. Height 18 in.-----	1.80	15.00
Mt. Ranier (U.S.D.A.) Very fine white variety. The best of all new white varieties. Early September. 18 inches-----	1.80	15.00

## PERENNIALS—Continued

## CHRYSANTHEMUMS—Continued

	Per 10	Per 100
*Mrs. P. S. Dupont. A lovely soft peach pink tinted rosy salmon and fawn. Full flower in early October.-----	\$ 1.80	\$15.00
*Normandy Pink. Large, creamy-pink. Late September. 18 in.-----	1.20	10.00
*Pale Moon. (Bristol). Large, fluffy blossoms, soft yellow. Early October. 2 ft. -----	1.40	12.00
Red Flare. Pom Pom. Matures October 15th. 20 in.-----	1.40	12.00
Rose Glow (Bristol). Raspberry, rose-pink. Mid-September. 2 ft.-----	1.40	12.00
*Ruth Marion Hatton (Bristol). Bright, canary-yellow blooms 3 inches across. Height 2 ft. Blooms early October.-----	1.40	12.00
*September Jewells. Blooms 2 to 4 weeks ahead of any other type. Has many beautiful colors. 1 to 2 ft.-----	1.40	12.00

## CHRYSANTHEMUM MAXIMUM, Shasta Daisy

Alaska. Large white flowers, June to August. 2 ft.-----	1.15	9.00
Diener's Fancy Chiffon Fringe. Large 5-inch blooms, fancy Chiffon petals (novelty). -----	1.40	12.00
White Fairy. New long stem. Giant white fringed flowers. Blooms July and August. -----	1.15	9.00

## COREOPSIS, Tickseed.

Double Sunburst. Double flowers, golden-yellow. Blooms all summer. 20 to 30 in. -----	1.20	10.00
Mayfield Giant. An improved, large single, of brilliant yellow.-----	1.40	12.00

## DELPHINIUM, Larkspur.

Belladonna, Clivendon Beauty. Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 ft.-----	1.20	10.00
Bellamosa. Dark blue, blooms all summer. 4 ft. Strong 1 year plants.-----	1.15	9.00
Bellamosa LaMartine. Deeper blue than Bellamosa with a distinct white eye. Not susceptible to disease. Long blooming period. 4 to 5 ft.-----	1.20	10.00
B. & L. XXX Strain Mixed. This English strain is one of the finest de- veloped in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of blue, mauve and pink.-----	1.40	12.00
Gold Medal Hybrid. Tall, well filled double and semi-double flowers from purplish blue to white.-----	1.20	10.00

## DELPHINIUM Chinese

Blue Mirror. This Chinese larkspur has no spurs and it shows its bright navy blue flowers most effectively by their horizontal disposition. Height 1½ to 2 ft. -----	1.15	9.00
Chinese Alba -----	.80	7.00
Chinese Blue -----	.80	7.00

## DELPHINIUM PACIFIC HYBRID STRAINS

## (Potted Stock)

Pacific Coast Hybrid Delphinium are all double, very highly developed strain produced on the Pacific Coast, from hence it gets its name.		
Galahad. Giant new race of whites having all the good quality formerly lack- ing in white Delphinium. Individual flowers 3 inches in diameter, large, well formed spikes, high percentage of mildew resistance.-----	2.10	18.00
Guinevere. Light lavender self with white bee. Individual florets 2½ to 3 inches in diameter, large spikes. Excellent branching habits. Mildew resistance 50 to 70 percent.-----	2.10	18.00
Pacific Hybrids Mixed. A mixture of the Standard Pacific Strain colors. Very fine. -----	1.40	12.00



## PERENNIALS—Continued

## DIANTHUS

Per 10 Per 100

**Barbatus, Old Fashioned Sweet Williams.**

This is the Old Fashioned Sweet William, bearing clove scented flowers in greatest profusion in May and June. Excellent for cutting. We offer these in the following varieties **Double White, Scarlet Beauty** and **Splendens** (pink). -----

\$ 1.15 \$ 9.00

**Homeland.** A most unusual color, dark red with large sharply defined clear white center. -----

1.20 10.00

**Dbl. Dwarf Midget.** 3 to 4 inches tall. The color range is from White, Chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored. -----

1.20 10.00

**Latifolius, Atroccineus, Fl. Pl.**

Everblooming Oriental Sweet William. Fiery crimson. Blooms all summer. 18 in. -----

1.20 10.00

**Plumarius, Hardy Garden Pinks.**

**Alwoodi.** This is a new type of Alwoodi pink imported from England. Very fragrant. -----

1.20 10.00

**Semperflorens** (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in. -----

1.15 9.00

**Spring Beauty.** Double giant flowered Carnation like form and size and with a beautiful color range. Very fragrant. -----

1.20 10.00

## DICENTRA, Bleeding Heart.

**Eximia (RG)** This is not a particularly new item but it is very worth while and few nurserymen know it. We recommend it very highly, equal to or better than the old fashioned **Spectabilis** variety. Rose colored flowers produced all summer. 12 in. -----

1.80 15.00

## DIGITALIS, Fox Glove

**Shirley Hybrids.** The flower heads are over 3 ft. long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractive dotted crimson or chocolate. Blooms in June-July. -----

1.20 10.00

## EUPATORIUM, Hardy Ageratum.

**Coelstinum.** Very hardy plant. Light purple-blue flowers. September. 18 to 24 in. -----

1.20 10.00

## FERNS, Hardy Outdoor (RG)

1.40 12.00

**Goldie's Wood.** (*Aspidium*). Evergreen variety. 2 ft.

**Interrupted** (*Osmunda Claytoniana*). Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.

**Maiden Hair** (*Spleenwort Asplenium Tricomaneis*). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.

**Ostrich Plume** (*Onoclea Struthiopteris*). Very graceful with finely cut pinules. 2 to 3 ft.

## FUNKIA, Plaintain Lily (RG).

**Caerulea.** Lovely blue flowers, leaves broad. August-September. 18 in. -----

1.40 12.00

## FUSCHIA, Hardy.

**Senorita.** New improvement on **Scarlet Beauty**, recommended for its hardiness. Plants are upright and compact, carrying from July until frost an abundance of flowers of flaming rose-red with mulberry-purple corolla and golden yellow stamens, 3 inch Pot Plants -----

3.20 27.50

## GAILLARDIA, Blanket Flower (RG)

**Burgundy.** Wine red flower with beautiful sheen. 'June until frost. 1½ to 2 ft. -----

1.20 10.00

**Dazzler.** Large golden yellow and maroon flowers on strong wiry stems. 14 to 18 inches in length. -----

1.20 10.00

**Goblin.** Dwarf. Bushy plants 12 to 15 inches high. Covered with golden yellow and red flowers. -----

1.20 10.00

**Monarch Strain.** Varied colors. Robust strain. Flowers extremely large and of perfect form. All summer. 2 ft. -----

1.20 10.00

**Torch Light.** Bright golden yellow, rich maroon center. 2 ft. -----

1.20 10.00

## PERENNIALS—Continued

GEUM, Avena (RG)	Per 10	Per 100
Mrs. Bradshaw. Fiery, orange-red flowers, very large. Double. Blooms nearly all summer. May to July. 15 to 18 in.-----	\$ 1.40	\$12.00

## GYPSOPHILA, Baby's Breath.

Bristol Fairy. Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft.-----	3.50	30.00
Paniculata Compacta. Pinkish white. July. 2 ft.-----	.95	8.00
Rosy Veil. Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting. Potted Stock.-----	2.10	18.00
Snow White Dbl. Pure White double strain. 2 ft.-----	1.20	10.00

## HELENIUM, Sneezeweed

Chipperfield Orange. Large heads of copper and gold blooms. August to September. 4 feet.-----	1.40	12.00
Riverton Gem. Old gold suffused with bright terra cotta changing to wall-flower red. August to October. 3 to 4 feet.-----	1.20	10.00

## HEMEROCALLIS, The Improved Day Lily

This old Perennial is now coming into its "Own". There has been considerable hybridizing done on these plants the past few years and as a result there are many new varieties being offered.

August Pioneer. An absolutely new introduction by Dr. Stout. Orange with a reddish flush. Profuse August-September bloomer. 34 in.-----	2.90	25.00
Apricot. Blooms early June. Medium size blooms of light, apricot orange. Very free bloomer.-----	1.40	12.00
Gold Dust. Early flowering variety. Blooms May-June. Bright yellow flowers. Stems 30 in.-----	1.80	15.00
Goldeni. Fine, deep, golden orange. Early July. 3 ft.-----	1.80	15.00
Highboy. Pale yellow. 5 ft.-----	2.90	25.00
Kwanso Flore Pleno. Large, double, copper shaded, crimson blooms. July-August. 42 in. stem.-----	1.80	15.00
Margaret Perry. The forerunner of a new race of Hybrids. Carnelian red flowers with a bright yellow star at the throat, which continues out to the tip of each petal in the form of a conspicuous narrow yellow stripe. July, August and September. 50 in.-----	2.90	25.00
Mikado. Rich orange with deep mahogany-red throat, beautiful color contrast flowers. June and July. 36 inches.-----	2.90	25.00
Ophir. Deep, golden-yellow. 5 inches across. 25-30 on one stem. One of the finest of all varieties. Blooms July and August.-----	2.40	20.00

## HEUCHERA.

Sanguinea. Rosy red blooms, very free flowreing. 15 in. Blooms in May.---	1.40	12.00
---	------	-------

## HIBISCUS, Mallow.

Giant Flowering. A wonderfully improved form of native Marshmallow or Rose Mallow. Separate colors, Pink, Red and White. August and September. 4 to 5 ft.-----	.95	8.00
--	-----	------

## HYDRANGEA.

Blue Prince. Large blue flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about 1 Tablespoon per plant of aluminum sulphate. Strong 2½ inch pot plants.-----	1.40	12.00
--	------	-------

## IBERIS, Hardy Candytuft.

Gibraltarica. Very desirable dwarf plant with evergreen foliage, covered by dense heads of flowers in early Spring. Height 8 in.-----	1.40	12.00
---	------	-------

## PERENNIALS—Continued

		Per 100	Per 1000
<b>* LATHYRUS LATIFOLIUS. Perennial or Everlasting Pea.</b>			
This lovely trailing plant blooms all summer. In separate colors, Crimson King; Rose Queen; White Queen.			
		\$ 1.20	\$10.00
<b>LIATRIS, Blazing Star or Gay-Feather. (RG)</b>			
Spicata. A good clear purple blooming before Pycnostachya. Spikes about 3 feet in height.			
		1.20	10.00
<b>LILY OF THE VALLEY</b>			
Extra strong plants with long roots. Fine foliage and profuse bloomers.			
Pips		.35	3.00
Clumps, dug with original soil.		2.40	20.00
<b>LOBELIA</b>			
Cardinalis (Cardinal Flower). Rich fiery cardinal flowers. 36 inches.			
		1.40	12.00
<b>LUPINES.</b>			
Russell Lupines. This is an improved strain of Russell Lupines acclimated to the United States. Spikes 3 to 5 feet tall with extraordinary color combinations.			
		\$100.00 Per M)	1.40 12.00
<b>LYCHNIS, Champion (RG)</b>			
Chalcedonica (Maltese Cross), vivid scarlet flowers. 36 inches.			
		1.20	10.00
<b>MATRICARIA, Double Mayweed, Feverfew (RG)</b>			
Capensis. Striking double golden yellow. 8 inches.			
		1.20	10.00
<b>MONARDA, Bee Balm.</b>			
Didyma. Cambridge Scarlet. Aromatic foliage, bright scarlet flowers, profuse bloomer. June until August. 2 ft.			
		1.40	12.00
Salmon Queen. Attractive salmon-pink flowers. Aromatic foliage. July to August. 2 to 3 feet.			
		1.20	10.00
<b>MYOSOTIS, Forget-me-not (RG).</b>			
Lovely flower, familiar to almost everyone. Blooms in early spring.			
Palustris (Alpine Forget-Me-Not.) Tiny blue flowers. Blooms all summer. 8 in.			
		1.20	10.00
Suttons Royal Blue			
		1.20	10.00
<b>OENOTHERA, Evening Primrose (RG)</b>			
Make continuous display of color in rock garden.			
Missouriensis. Lovely yellow solitary flowers often 4 in across. Low grower with prostrate ascending branches, profuse bloomer. June to August. 10 in.			
		1.20	10.00
<b>PACHYSANDRA, Japanese Spurge. (RG).</b>			
Terminalis. Dense mats of glossy green foliage, with small spikes of light colored flowers during May and June. Used to cover shady places. 6 to 8 inches. Strong 2 year plants.			
		1.40	12.00

## PAPAVER ORIENTALIS

(For Shipment August or September, 1944)

These named varieties or Oriental Poppies, with the exception of Hybrids, are grown from rooted cuttings. They will be twice transplanted, insuring a heavy plant with good root system. For most successful results Poppies should be planted in August or September. Prices subject to change without notice.		Per 10	Per 100
Barr's White. Large pure white with purple-black spots.		\$ 2.90	\$25.00
Beauty of Livermore. Deep blood-red, extra large, distinctive foliage, sturdy erect stems. 39 in.		1.40	12.00
Betty Ann. Beautiful crinkled flower of La France pink, no spots. Profuse bloomer. 24 in.		1.80	15.00
Big Jim. Mammoth, gorgeous flowers of deep maroon. 36 in.		2.40	20.00



## PERENNIALS—Continued

## PAPAVIER ORIENTALIS—Continued

	Per 100	Per 1000
Cavalier. Extra large flowers, deep scarlet-red. 34 in.-----	\$ 1.80	\$15.00
<b>Cerise Beauty.</b> Cerise-pink blooms with black-purple blotches in the center. 32 in.-----	1.80	15.00
Cheerio. Shell-pink, cherry-red base spots.-----	2.40	20.00
Colonel Bowles. Scarlet-red, immense flowers. 26 in.-----	2.10	18.00
Dainty Lady. A delicate shade of shell-pink with a rose blotch.-----	2.40	20.00
Echo. Light silvery-pink with a light maroon blotch. 30 in.-----	4.00	37.50
Fairy. A rose-pink, dwarf, very free blooming.-----	1.40	12.00
Field Marshall. One of the pleasing new whites, black blotch. 32 in.-----	2.90	25.00
Flashy Glow. Yellow with an orange cast. 30 in.-----	1.80	15.00
Gaiety. Light iridescent pink.-----	2.10	18.00
<b>Gold of Ophir.</b> Golden-orange. Develops nearest yellow of any Oriental Poppy. 24 in.-----	2.10	18.00
Grossfurst. Shiny red, coal black spots. 34 in.-----	2.10	18.00
Helen Elizabeth. Light La France pink. Petals are deeply crinkled. 34 in.-----	2.10	18.00
Henry Cayeaux Improved. Blooms are a peculiar tint of ashes of roses, or and old rose shaded burgundy.-----	2.10	18.00
Hercules. True scarlet, immense flowers. 42 in.-----	2.10	18.00
Jean Mawson. A nice salmon-pink. 32 in.-----	1.80	15.00
Joyce. Cherry-red flowers of medium size.-----	1.40	12.00
Lulu A. Neeley. Good strong stems support flowers of brilliant ox-blood red. 34 in.-----	1.80	15.00
Mrs. G. Potts. Soft shade of orange with a tinge of red.-----	1.40	12.00
Mrs. Perry's Pink. Apricot-pink, often called Apricot-orange. Petals marked with a brown blotch. 29 in.-----	1.40	12.00
Mrs. Perry's White. Satiny white with a crimson-maroon blotch at the base of each petal.-----	2.90	25.00
Mandarin. A splendid scarlet with no spots in the flower of established plants. 28 in.-----	1.40	12.00
Mary Jane Miller. Intense shade of geranium pink, carried on long stiff stems.-----	1.80	15.00
Nancy. Deep crimson flowers on long stems, with glossy black blotches at the base of each petal. 28 in.-----	1.80	15.00
Negrillon. Purplish-red with a shade of brown. 30 in.-----	2.10	18.00
New Perfection. Rose Dawn—A new rose-pink with black blotch.-----	1.80	15.00
Olympia. Orange-red, borne on sprawling stems. 32 in.-----	1.40	12.00
<b>Oriental Hybrids.</b> Scarlet-crimson. 2 Year Transplants-----	1.20	10.00
1 Year Transplants-----	1.00	8.00
1 Year Seedlings-----(\$45.00 Per M)-----	.60	5.00
<b>Phenomenal.</b> The finest rose-pink Poppy grown today. Crinkly, deep rose- pink with a crimson-maroon blotch at base of petals. Flowers are unusually large on strong, stiff stems.-----	3.50	30.00
Purity. Soft pink without spot or blemish.-----	2.10	18.00
Red Flame. Lacquer-red flowers of medium size on very straight stems.-----	1.80	15.00
Sass Pink. Light delicate flesh-pink shade with gray-mauve center.-----	2.10	18.00
Trilby. Dark lustrous red. 26 in.-----	2.40	20.00
Welcome. Shiny red with good dark green foliage. 40 in.-----	1.80	15.00
White Queen. Dead white—small black spots.-----	2.90	25.00
Wunderkind. Cerise colored Poppy. True Begonia rose shade. 33 in.-----	2.90	25.00
Wurtembergia. Deep red, borne on long stiff stems. 38 in.-----	1.80	15.00

## PENTSTEMON, HARDY.

<b>Garnet.</b> First of a new strain of hardy, large flowering Pentstemons. Of spreading habit. June until stopped by frost. Rich garnet color. 12 to 18 inches tall. Six to a dozen spikes continually open throughout flowering season. Excellent for cutting. (Advertised at per 3, \$1.50; per doz., \$4.50; per 100, \$30.00)-----	1.80	15.00
<b>Pubescens.</b> Violet purple, lips white. 18 inches.-----	1.20	10.00

**PHLOX PANICULATA**

For a good many years we have made a specialty of growing Phlox. Most of our plants are strong, one year old, which we recommend very highly. Two year plants are very woody and are hard to transplant.

Phlox can be transplanted from the middle of September until the ground freezes up, or can be planted in the spring just as early as the ground thaws out.

PLEASE NOTE the grade we are listing is strictly No. 1 grade. We have No. 2 grade plants which are not quite heavy enough for No. 1 specifications which can be purchased from us at 2¢ per plant discount.

	Per 10	Per 100
Annie Laurie. New variety. Large trusses of salmon-pink.-----	\$ 1.40	\$12.00
Beacon. Large, full trusses of brilliant cherry-red, with wine-red eye.-----	1.20	10.00
Border Gem. A beautiful deep purple Phlox. Does not fade.-----	1.70	14.00
Champs Elysee. Compact heads of rich purple. 24 in.-----	1.20	10.00
Chieftain. Here is a color in Phlox rarely seen—the color of a precious ruby. Good, strong flower trusses.-----	1.40	12.00
Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Florets measure 1½ in across. No other Hardy Phlox produces florets so large. 3½ feet high.-----	1.40	12.00
E. J. Farrington. Salmon-pink with a deep rosy-red blush. Excellent for cutting. 24 inches.-----	1.40	12.00
Eva Forester. Large heads of 30 to 40 individual flowers at one time. Flowers clear pink and 1¼ inches across.-----	1.40	12.00
F. G. Von Lassburg. A tall white Phlox blooming in mid-season.-----	1.15	9.00
Fuerbrand. Clear, rich, brilliant orange-scarlet, almost vermilion.-----	1.40	12.00
George Stipp. Deep, glowing salmon with shaded lighter eye, fragrant, out- standing variety.-----	1.40	12.00
H. B. May. Large spikes of bright pink. Very large flowers.-----	1.40	12.00
Leo Schalegeter. Scarlet-carmine with orange cast. 3 ft. The finest red phlox in existence.-----	1.40	12.00
Lillian. Exquisite pure pink without any trace of magenta or rose. Large florets, flower heads of good size, borne in remarkable profusion.-----	1.70	14.00
Mary Louise. This is the best white Phlox in existence. Pure white with large heads. Individual florets are 2 inches, as large as any other white Phlox. Very fragrant, prolific bloomer.-----	1.70	14.00
Morganrood. Rose-pink, slightly deeper eye. Large florets. 2½ to 3 ft.-----	1.20	10.00
Mrs. Ethel Pritchard. French-mauve colored phlox. Flowers freely.-----	1.20	10.00
Mrs. Jenkins. One of the old standbys. Pure white.-----	1.20	10.00
Pantheon. A deep salmon-rose Phlox, very fragrant. 30 in.-----	1.20	10.00
Pink Darling. Good pink, large, individual flowers. Well filled heads.-----	1.40	12.00
Prime Minister. This is the best of all bi-colored whites. Extra large florets of clear white with violet eye.-----	1.20	10.00
R. P. Struthers Improved. Rich salmon-pink with scarlet eye. Large well filled trusses.-----	1.20	10.00
Rheinlander. Salmon pink with carmine eye.-----	1.20	10.00
Rosea Superba. Large heads of light lilac-pink. Vigorous grower.-----	1.40	12.00
Rosenberg. Deep violet-cerise with slightly darker center.-----	1.20	10.00
Special French. This is one of our very best Phlox. Good grower, free bloomer. Large, blush-pink with salmon eye.-----	1.20	10.00
Wanadis. White, light violet shading with purple eye.-----	1.15	9.00

**PHYSALIS, Chinese Lantern Plant. (RG)**

Francheti. Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.-----	1.00	8.00
--	------	------

**PHYSOSTEGIA, False Dragon Head.**

Rosy Spire. Deep rosy-crimson color, very vivid. 3 to 3½ ft. Mid-September. Decidedly colorful.-----	1.00	8.00
---	------	------

**PLATYCODON, Balloon Flower (RG)**

Blooms all summer. 12 in. Separate colors, Blue and white.-----	1.15	9.00
---	------	------

**PYRETHRUM, Painted Daisy (RG)**

Hybridum Roseum. Abundant bloomer. Wide range of colors from pure white to deep crimson. June to October. Good cut flower. Interesting foliage. 18 inch.-----	1.20	10.00
Hybridum Roseum Atrosanguineum. Same as Roseum, only the blooms as a rule are darker shades. 18 in.-----	1.20	10.00
Double Choice Mixed. This mixture contains many shades of pink, red and white. A splendid garden mixture.-----	1.40	12.00
Robinsons Dark Crimson. Flowers crimson scarlet and immensely large. Strong long stems and very free flowering.-----	1.20	10.00

## PERENNIALS—Continued

**RUDBECKIA, Coneflower.**

Hardy plants, adapted for the border. Well suited for cutting.

	Per 10	Per 100
<b>Sass Golden Globe.</b> This is an improved Golden Glow, produces large masses of large, golden double yellow flowers in July and August. 6 in.-----	\$ 1.20	\$10.00
<b>Purpurea.</b> Reddish purple flowers with very large black cone for center. July to October. 2 ft.-----	1.00	8.00

**SALVIA, Meadow Sage.**

<b>Azurea Grandiflora.</b> Azure colored large flowers. August to September. 5 ft.	.80	7.00
--	-----	------

**SCABIOSA, Pin Cushion Flower.**

<b>Caucasica (Blue Bonnet).</b> Soft, lovely shade of lavender blue. Equally good for border or cut flowers. June to September. 18 in.-----	1.20	10.00
<b>Fisheri.</b> Rich, violet-blue flowers 2½ in across, 20 inches high.-----	1.40	12.00

**SAXIFRAGA.**

<b>Cordifolia.</b> Large, leathery leaves of russet-green. Round bright-rose flowers rising on stocky, six-inch stems. One of the first to welcome the spring.---	1.40	12.00
---	------	-------

**SEDUM, Stone Crop or Live Forever (RG)**

America's Greatest Rock Plant. Thick, glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.

<b>Album.</b> Dwarf and spreading, thick waxy round foliage. White flowers. July. 6 inches.-----	1.10	9.00
<b>Anglicum.</b> White. Tiny, moss-like carpeting plant. Profuse bloomer. Early summer.-----	1.10	9.00
<b>Creslatum.</b> Small round foliage of medium green.-----	1.10	9.00
<b>Ewersii.</b> Rosy-purple flowers, blue-gray leaves, stocky plants. Deciduous. Early. 8 to 10 in. stems.-----	1.10	9.00
<b>Kamtschaticum.</b> Orange-yellow flowers with prostrate green foliage turning golden in autumn.-----	1.10	9.00
<b>Lydicum Glaucum.</b> Blush, very fine rock plant. Very odd. All summer. 6 in.-----	1.10	9.00
<b>Murale.</b> Evergreen foliage, reddish-purple. White flowers with pink center. 4 to 8 inches.-----	1.10	9.00
<b>Oppositifolium.</b> Bright green foliage with rose bloom. July. 4 in.-----	1.10	9.00
<b>Sexangulare.</b> Yellow flowers, very dark green foliage. May-June. 4 inches.-----	1.10	9.00
<b>Spectabile Brilliant.</b> Bright amaranth-red. Erect grower. Gray-green leaves. August and September. 18 inches.-----	1.20	10.00
<b>Spectabile Rose.</b> Immense heads of showy rose colored flowers. Light green foliage. Late. 18 inches.-----	1.20	10.00
<b>Spurium Roseum.</b> Purplish-red. July and August. 6 inches.-----	1.10	9.00
<b>Stoloniferum.</b> Purplish pink. July and August. 6 inches.-----	1.10	9.00
<b>Subulatum.</b> Dwarf. Round foliage. Early Summer. 4 to 6 inches.-----	1.10	9.00
<b>Turkestanicum.</b> Round foliage of dark green. White flowers on 6 to 8 inch stems.-----	1.10	9.00

**SEMPERVIVUM, Houseleek. (RG)**

Sometimes known as Hen and Chickens. Plants especially good for Rock Garden. Their rosette-like, thick leaves are fleshy and pointed. The small clumps slowly spread, filling pockets and crevices between the rocks.

<b>Atrorivialeum.</b> The largest of the entire group. Beautiful rosette of deep purplish red leaves almost 4 inches in diameter when fully grown. 8 in.---	1.10	9.00
<b>Bossier.</b> Leaves are deep green tipped reddish-purple, forming a beautiful rosette, 6 inches to 8 inches in diameter when fully grown. 4 inches.-----	1.10	9.00
<b>Rubrum.</b> Leaves of dark green turning to red in fall. Rapid spreader.-----	1.10	9.00

**SPIREA, Goat's Beard, Meadow Sweet (RG)**

<b>Filipendula (Dropwort).</b> White flowers produced in abundance on stems 15 inches high. Fern-like foliage. June and July.-----	1.80	15.00
--	------	-------

**STATICE, Great Sea Lavender (RG) August.**

<b>Latifolia.</b> Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom, make a very valuable winter bouquets. 18 in.-----	1.20	10.00
---	------	-------

**STOKESIA, Cornflower Aster.**

<b>Blue Moon.</b> Large and free flowering. Perfectly hardy. Vivid, blue disc-like flowers. Blooms throughout summer and autumn. Flowers five to six inches in diameter. 12 to 18 in. tall.-----	1.80	15.00
--	------	-------

**SWEET WILLIAM (See Dianthus Barbatus)****THERMOPSIS.**

<b>Caroliniana.</b> A lupine-like plant with rich green foliage. Yellow pea-like flowers produced on racemes, 6 to 12 inches long. June and July.-----	1.20	10.00
--	------	-------



## PERENNIALS—Continued

	Per 10	Per 100
<b>THYMUS, Thyme (RG)</b>		
Serpyllum Coccineum. Dark red flowers, covering the plant completely. Creeping habit, hairy foliage, which is fragrant. June-July.....	\$ 1.20	\$10.00
<b>TRITOMA, Kniphofia, Red Hot Poker (RG)</b>		
This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.		
Pfitzeriana. This is the genuine Red Hot Poker. Rich, orange-scarlet blooms on stems 3 ft. high. Must be grown from divisions. August to October....	1.20	10.00
<b>VERBENA, HARDY (RG)</b>		
Pink. This is a truly wonderful perennial. Blooms from early spring until frost. Excellent ground cover needing a little protection through the winter.	1.20	10.00
<b>VERONICA, Speedwell (RG)</b>		
Blue Spire. Foliage is clean. Plant is bushy, upright habit and flowers are deep blue. 2 ft. high.....	1.20	10.00
<b>VINCA, Periwinkle or Trailing Myrtle.</b>		
Minor. Evergreen plant of trailing habit, splendid for use as a ground carpet under shrubs or trees. Grows very well where it is too shady for other plants.....	1.20	10.00
Minor-Bowles Type. Foliage in broad and rich, glossy green. Deep blue....	1.40	12.00
<b>VIOLA, ODORATA, Sweet Violet (RG)</b>		
Fry's Fragrant. An old English strain of perpetual flowering violets. Blooms early in the spring and again in the fall. Flowers extra large, deep purple and very fragrant, excellent for forcing.....	1.40	12.00
<b>YUCCA Adam's Needle (RG)</b>		
Filamentosa. Creamy yellow. 6 ft. This plant, with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or Rockery work and stands out among all other plants.		
2 year .....	1.15	9.00

## OLD FASHIONED KITCHEN HERBS

Due to the shortage of shipping facilities, spices and Herbs which formerly came from the Middle East, are now hard to secure. For that reason, we are offering a rather complete list of these items.

	Per 10	Per 100
<b>Chive, Wild Onion.</b> Finely chopped leaves gives a delicious flavor to salads....	\$ 1.00	\$ 8.00
<b>Horseradish.</b> A condiment used in seasoning meats.		
3 inch cuttings.....	.30	2.50
Crowns .....	.60	5.00
<b>Mother of Thyme.</b> Leaves used medicinally and for seasoning meat and fish sauces.....	1.40	12.00
<b>Sage, Old Fashioned.</b> Used for seasoning sausages and dressing.....	1.40	12.00
<b>Savory, winter.</b> Leaves used for seasoning meats, sausages and vegetable dishes	1.80	15.00
<b>Spearmint.</b> Fresh leaves used to flavor sauces and iced drinks, particularly "Kentucky Mint Julips" .....	1.10	9.00
<b>Sweet Majoram.</b> Fresh leaves used for seasoning sausages, vegetable dishes and salads. ....	1.80	15.00
<b>Tarragon "Epicure".</b> Used by the French people in seasoning salads and making vinegar. Delicious in Jello and fruit cups.....	1.80	15.00

## LILIES

The following lilies are all American grown, most of them are grown here at Shenandoah. Our soil seems very well adapted for the growing of this certain type of bulb. Size specified on the grade is circumference of the bulb.

	Per 10	Per 100
<b>Concolor (Morning Star Lily).</b> Excellent Rock Garden lily. Red, star shaped flowers, flecked with black at base of petals. Blooms June-July. Planting depth 3 inches. Available September 25th.		
Flowering size bulbs. ....	\$ 0.95	\$ 8.00
<b>Regale. (Tibet).</b> Large white flowers, suffused pink with canary-yellow throat. Very fragrant blooms in July. Planting depth 5 inches. Available late September.		
4 to 5 inches.....	.70	6.00
5 to 6 inches.....	.95	8.00
6 to 8 inches.....	1.40	12.00
<b>Tenuifolium (Coral Lily).</b> Vivid scarlet, excellent rock garden variety. Blooms May-June. Planting depth 6 inches. Available late September.		
Flowering size bulbs, No. 1.....	.95	8.00
<b>Tenuifolium (Golden Gleam).</b> Similar to Tenuifolium except flowers are golden-yellow. Blooms June. Planting depth 3 inches. Available late September.		
Flowering size bulbs, No. 1.....	.95	8.00
<b>Tiger Double.</b> This is a full, double flowering variety. Blooms slightly later than the single. Planting depth 5 inches. Available late September.		
4 to 5 inches.....	.80	7.00
5 to 6 inches.....	.95	8.00
6 to 8 inches.....	1.40	12.00
<b>Tiger Single.</b> Flowers rich salmon-orange, spotted deep mahogany blooms in August. Planting depth 5 inches. Available late September.		
4 to 5 inches.....	.80	7.00
5 to 6 inches.....	.95	8.00
6 to 8 inches.....	1.40	12.00

## CANNAS

Our Cannas are all strong 3 and 5 eye divisions, properly matured and cured so as to give you the best possible results.

### PINK FLOWERS WITH GREEN FOLIAGE

	Per 100	Per 1000
<b>City of Portland.</b> The leading pink, green foliage. 4 ft tall. Large flowers of watermelon-pink conceded THE pink.....	\$ 7.00	\$60.00
<b>Hungaria.</b> One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of Pink Cannas.....	7.00	60.00
<b>Rosamond Cole.</b> 4 ft. A choice Canna, green foliage, large flowers, variegated with the color of a rainbow. A leader among Cannas.....	7.00	60.00

### RED FLOWERS WITH GREEN FOLIAGE.

<b>The President.</b> 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease.....	7.00	60.00
<b>Wintzer's Colossal.</b> 5 ft. Green foliage. Without a doubt the largest flowered Canna yet produced. Flowers of vivid scarlet. Sometimes measures eight inches across. ....	7.00	60.00

### YELLOW FLOWERS WITH GREEN FOLIAGE.

<b>Richard Wallace.</b> 4 ft. Green foliage, canary-yellow flowers. One of the best yellows. ....	7.00	60.00
<b>Yellow King Humbert.</b> 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage.....	7.00	60.00

### BRONZE FOLIAGE VARIETIES.

<b>Red King Humbert.</b> 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful.....	7.00	60.00
<b>Statue of Liberty.</b> 6 to 7 ft. Blazing flame-red.....	7.00	60.00

## DAHLIAS

Our Dahlias are all Shenandoah grown, good, strong, healthy tubers with good necks and crowns. Our stock is carefully handled and guaranteed true to name.

### DECORATIVES

	Per 10	Per 100
Avalon. Beautiful clear yellow and the best of this color for commercial use. Fine form on long stems. Good show Dahlia.....	\$ 1.50	\$12.00
Chautauqua Salute. Dazzling white. ....	1.80	15.00
Clara Barton. Face of petals silvery-orchid reverse of petals deep lavender. General effect lavender. ....	1.80	15.00
Galliant Fox. A commercial red highly regarded by many growers. Medium size flowers of velvety red. Heavy stem, good keeper. ....	1.50	12.00
Golden Bounty. Rich lemon yellow. ....	1.50	12.00
Golden Girl. Large flower of shimmering gold. ....	1.80	15.00
Harvest Moon. Blends gold rose and bronze. ....	1.50	12.00
Jane Cowl. Large, shaggy flower of coppery-yellow. Fine tall grower. Still considered by many as the most beautiful of all dahlias. ....	1.80	15.00
Jean Kerr. Pure white. The flowers are small, but many are produced on each plant. A good keeper and fine for floral work. Early, vigorous and insect resisting. ....	1.50	12.00
Jersey Beacon. Chinese red with lighter shadings on reverse side which give a beautiful two-tone effect. Large flowers. ....	1.80	15.00
Jersey Beauty. This fine pink variety is still the most popular of all. Very profuse bloomer. ....	1.80	15.00
Mrs. George LeBoutillier. Rich velvety carmine. Giant flowers on strong stems. A good bet for a leader among commercial reds. ....	2.10	18.00
Mrs. I. de Ver Warner. Orchid pink with very large flowers. Well known and very popular. ....	1.80	15.00
Mrs. Knudson. New White. ....	1.80	15.00
Orange Jersey Beauty. Orange. ....	1.80	15.00
Yellow Colossal. A gigantic flower, nine inches and more in diameter, of beautiful lemon yellow. Strong stems carry the flower erect above the foliage. A remarkable show bloom. ....	1.50	12.00
Yellow King. Canary yellow. ....	1.50	12.00
Decorative Mixed. ....	1.00	8.00

### DAHLIAS, SHOW.

A. D. Livoni. Shell pink. ....	1.50	12.00
Bonnie Blue. Bluish shading to lavender. Lovely coloring. ....	1.50	12.00
Queen Victoria. Deep cream or soft yellow. ....	1.50	12.00
Robert Broomfield. Pure White. Effective in combinations. ....	1.50	12.00

## MISCELLANEOUS BULBS

### AMARYLLIS.

These popular bulbs will bear blooms of immense proportion, of excellent form, with a brilliancy and range of color.

	Per 10	Per 100
Mixed Colors .....	\$ 3.00	\$25.00

### BEGONIAS, Tuberous Rooted, Camellia Flowering.

Are assuming their old popularity. They are valuable for planting as a pot plant or for outdoor bedding in shaped locations.

Separate Colors. ....	1.50	12.00
Red Pink Yellow Bronze .....		

### BEGONIAS, Tuberous Rooted.

Pink Flowering, 1¼ to 1½ inch diameter .....	1.50	12.00
--	------	-------

### CALADIUM

Fancy Leaved. These colorful plants have grown very popular the last few years. The leaves are spotted and veined with brilliant markings. Some-time called picture-leaved Caladinums. Mixed. 1½ to 2 inches. ....

1.40 12.00

### MADERIA VINE

A tuberous bulb producing a multitude of viny growth, a very prolific grower. ....	.40	3.50
--	-----	------

### TUBEROSES (RG)

Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August. No. 1 size. ....	.40	3.50
---	-----	------



## SPECIAL ATTENTION

We call special attention to the following items which we have in good supply.  
Write us for prices on quantity lots.

### APPLE, 11-16 inch

Anoka  
Delicious Red  
Delicious Yellow  
Dolgo Crab  
Duchess  
Flame Crab  
M. B. Twig  
N. W. Greening  
Virginia  
Whitney Crab  
Winesap

### ORNAMENTAL SHRUBS

Almond Pink, Own Root  
Barberry Thunbergi, Transplants  
Cornus, in variety  
Cydonia Japonica  
Forsythia, in variety  
Ilex Verticillata  
Rhus Canadensis  
Ribes Alpinum  
Snowberry  
Spirea A. W.  
Spirea Froebel  
Tamarix  
Viburnum, in variety

### SHADE TREES

Ash  
Elm  
Hackberry  
Honeylocust  
Maple, Schwedleri  
Oak, Pin and Red  
Poplar, Lombardy

### FOREST TREE SEEDLINGS

Ash  
Elm, American  
Mulberry, Russian  
Oak, Pin and Red

### VINES

Ampelopsis Engelmanni  
Ampelopsis Quinquifolia  
Celastrus Scandens  
Polygonum Auberti

We always appreciate opportunity to quote on your complete requirements.

### NURSERYMEN'S SUPPLIES

Due to uncertainty of prices and securing delivery, we are unable to offer our usual listings of nurserymen's supplies. If in need of certain supplies, write for prices and complete information.

### BOXING CHARGES

30x30x12	\$5.75	24x24x10	\$4.50	20x20x8	\$3.25
30x30x10	5.00	24x24x8	4.00	20x20x6	2.50
30x30x8	4.50	24x24x6	3.25	16x16x10	3.00
30x30x6	3.75	20x20x12	4.25	16x16x8	2.50
24x24x12	5.25	20x20x10	3.50	16x16x6	2.25

### CORRUGATED BOXES

48x20x20	\$1.00	36x14x6	\$0.45	14x9x9	\$0.25
48x16x16	.85	30x8x8	.25	11x8x6	.20
36x15x15	.60	16x12x6	.25		

BALES will be charged at actual cost.







# INDEX

Name	Page	Name	Page	Name	Page
<b>A</b>		<b>F</b>		<b>P</b>	
Acanthopanax	19	Ferns	60	Peach	5
Almond Flowering	19	Fir	39-44-45	Peach Pits	7
Althea	19	Flowering Cherry	9	Pear Dwarf	5
Amaryllis	68	Crab	10	Pecan	15
Amelanchier	19	Plum	17	Perennials	57-67
Amorpha	19	Forsythia	26	Persimmon	16
Ampelopsis	36	Fringe	23-31	Philadelphus	29
Apple	3-4	Fuschia	60	Phlox	64
Aquilegia	57			Physocarpus	30
Aralia	19	<b>G</b>		Pine	43-46-47
Arbor Vitae	39-47			Plum	5
Aristo	36			Polygonum	38
Aronia	19-20	Gaillardia	60	Poppies	62-63
Ash	7-9-15	Golden Chain Tree	11	Poplar	16
Aster	57-58	Grape Vines	6	Privet	30
		Gypsophila	61	Prunus Flowering Plum	16-17
				Ptelea	15
<b>B</b>		<b>H</b>		<b>Q</b>	
Baby's Breath	61	Hackberry	8-11	Quince	5
Barberry	20-35-36	Hamamelis	26	Quince, Flowering	24
Beauty Bush	27	Hazelnut	23		
Begonia	68	Hedging	35-36	<b>R</b>	
Bignonia	36	Hedera	37	Raspberries	6
Birch	9	Hemerocallis	61	Red Bud	17
Bittersweet	36-37	Herbs	66	Red Cedar	42-43-46
Blackberries	6	Highbush Cranberry	35	Rhodotypos	31
Bleeding Heart	60	Hollyhock	57	Rhubarb	7
Boston Ivy	36	Honeysuckle	26-27-36-38	Rhus	31
Box Elder	13	Honeysuckle Vines	38	Ribes	32
Buckthorn	7-21	Horseradish	7	Rose Baby	51
Buddleia	21-22	Hydrangea	27-61	Climbing	53
Bulbs	68			Floribunda	51
Buffaloberry	22			Hybrid Tea	48-49-50
Butterfly Bush	21-22			Misc.	51-52
		<b>I</b>		Rugosa	51-52
<b>C</b>		Ilex	27	Patented	54-57
Caladium	68			Russian Olive	17-24
Callicarpa	22	<b>J</b>			
Calycanthus	22	Japan Quince	24	<b>S</b>	
Campanula	58	Juneberries	19	Salix	32
Cannas	67	Junipers	39-40-41-42-43-45-46	Shrubs	19-35
Caragana	7-22-36			Silver Lace Vines	38
Catalpa	7-9			Small Fruits	6-7
Celastrus	36-37	<b>K</b>		Snowball	35
Cephalanthus	22	Kentucky Coffeetree	12	Snowberry	33
Cherries	4	Kerria Japonica	27	Sorbaria	32
Chrysanthemums	58-59	Kolkwitzia	27	Spiraea	32-33
Chionanthus	23			Spruce	44-46
Clematis	37			Sumac	31
Coreopsis	59	<b>L</b>		Sycamore	17
Cornus	23	Lespedeza	27	Symphoricarpos	33
Corylus	23	Lilac	28-29	Syringa (Mock Orange)	29
Cotoneaster	24	Lilies	60-61-67	Sweet Williams	60
Crataegus	17-18	Lily of the Valley	62		
Currants	6	Linden	12-13	<b>T</b>	
Cydonia Japonica	24	Locust Black	8-13	Tamarix	34
		Locust Honey	12	Taxus	44
<b>D</b>		Lupines	62	Thorn	17-18
Dahlias	68			Tritoma	66
Daphne	24	<b>M</b>		Trumpet Vine	36
Deciduous Trees	9-18	Maderia Vines	68	Tuberose	68
Deciduous Tree Seedlings	7-8	Maple	8-13-14		
Delphinium	59	May Day Tree	16	<b>V</b>	
Desmodium	27	Mountain Ash	14	Viburnum	34-35
Deutzia	24	Mulberries	5-8	Vines	36-37-38
Dewberries	6			Viola	66
Dianthus	60			Virginia Creeper	36
Dicentra	60				
Digitalis	60	<b>N</b>		<b>W</b>	
Dogwood	23	Nectarberry	6	Walnut	8
		Ninebark	30	Weigela	35
<b>E</b>				Willow	18-32
Elaeagnus	24			Wisteria	38
Elder	25			Witchhazel	26
Elm	7-8-10-11	<b>O</b>			
Euonymus	25-37	Oak	8-14-15	<b>Y</b>	
Evergreens	39-47	Osage Orange	8	Yew	44
Exochorda	25			Yucca	66